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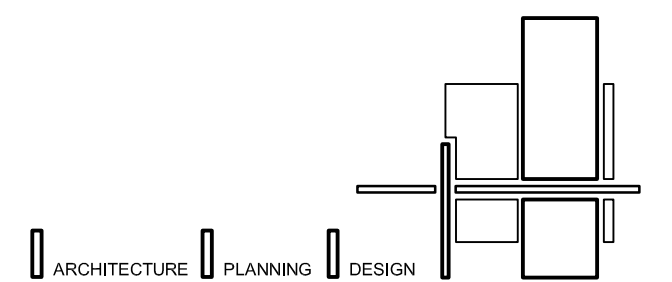
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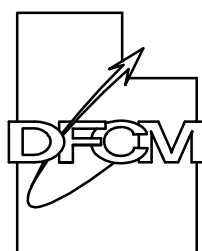
SHEET 1 OF 23

# SECURE/NON SECURE YOUTH CARE HOME REMODEL

## D.F.C.M. PROJECT NUMBER: 05129400

100 East 300 North  
Richfield, Utah 84701-2146

State of Utah  
Department of Administrative Services

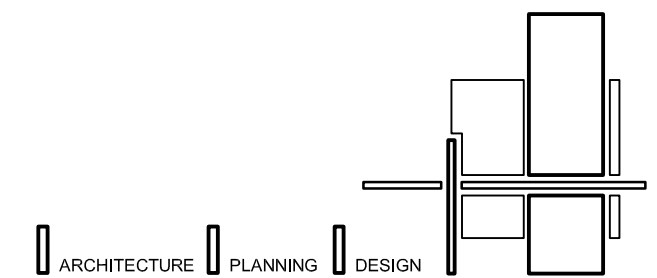


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BUILDING NAME:

SECURE/NON SECURE  
YOUTH CARE HOME

PROJECT TITLE:

SECURE/NON SECURE  
YOUTH CARE HOME  
REMODEL

### ABBREVIATIONS

Reference to materials or methods have been made on the drawings in accordance with the following abbreviations:

#	NUMBER	GWB.	GYPSUM WALL BOARD
.	FEET	GYP. BD.	GYPSUM WALL BOARD
-	INCHES	HC.	HANDICAPPED
&	AND	HDW.	HARDWARE
Ø	AT	H.M.	HOLLOW METAL
∅	DIAMETER	HORIZ.	HORIZONTAL
ADJ.	ADJUSTABLE	HR.	HOUR
AFF	ABOVE FINISH FLOOR	HT.	HEIGHT
ALUM	ALUMINUM	HVAC	HEATING/VENTILATION/ AIR CONDITIONING
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	HYD	HYDRANT
ATS	AUTOMATIC TRANSFER SWITCH	I.D.	INSIDE DIAMETER
BD	BOARD	INSUL.	INSULATION
BITUM.	BITUMINOUS	LAV.	LAVATORY
BLDG	BUILDING	LT.	LIGHT
B.M.	BENCHMARK	MATL.	MATERIAL
B.O.	BOTTOM OF	MAX.	MAXIMUM
BRG.	BEARING	MECH.	MECHANICAL
BTWN.	BETWEEN	MFR.	MANUFACTURER
CER.	CERAMIC	MIN.	MINIMUM
CJ	CONSTRUCTION JOINT	MISC.	MISCELLANEOUS
CLG.	CEILING	M.O.	MASONRY OPENING
CLR.	CLEAR	MTL.	METAL
CMU	CONCRETE MASONRY UNIT	NIC	NOT IN CONTRACT
COL.	COLUMN	NO.	NUMBER
CONC.	CONCRETE	N.T.S.	NOT TO SCALE
CONT.	CONTINUOUS	O.C.	ON CENTER
CONST.	CONSTRUCTION	O.D.	OUTSIDE DIAMETER
COORD.	COORDINATE	O.H.	OVERHEAD
CTJ	CONTRACTION JOINT	OPP.	OPPOSITE
DBL.	DOUBLE	PART.	PARTITION
DPW	DIRECTOR OF PUBLIC WORKS	PERP.	PERPENDICULAR
DIA.	DIAMETER	PL.	PLATE
DPG	DUGWAY PROVING GROUND	PNTD.	PAINTED
DTL.	DETAIL	PSI	POUNDS PER SQUARE INCH
DWGS.	DRAWINGS	R.D.	ROOF DRAIN
EA.	EACH	RAD.	RADIUS
EJ	EXPANSION JOINT	REINF.	REINFORCED
ELEV.	ELEVATION	REQ'D	REQUIRED
EQ.	EQUAL	RET.	RETURN
E.S.	EACH SIDE	REV.	REVERSED
EXIST.	EXISTING	RM.	ROOM
EXPAN.	EXPANSION	R.O.	ROUGH OPENING
EXT.	EXTERIOR	SCHED.	SCHEDULE
E.W.C.	ELECTRIC WATER COOLER	SHR.	SHOWER
F.D.	FLOOR DRAIN	SHT.	SHEET
FDN.	FOUNDATION	SM.	SIMILAR
F.E.	FIRE EXTINGUISHER	SPEC.	SPECIFICATION
F.E.C.	FIRE EXTINGUISHER CABINET	STD.	STANDARD
F.F.	FINISH FLOOR	STR.	STRUCTURAL
FIN.	FINISH	SUSP.	SUSPENDED
FLR.	FLOOR	THRU	THROUGH
F.L.	FLOW LINE	T.O.	TOP OF
FTG.	FOOTING	T.O.A.	TOP OF ASPHALT
GA.	GAGE	T.O.C.	TOP OF CURB
GALV.	GALVANIZED	T.O.F.	TOP OF FOOTING
GF-CI	GOVERNMENT FURNISHED CONTRACTOR INSTALLED	T.O.S.	TOP OF SLAB OR SIDEWALK
GF-GI	GOVERNMENT FURNISHED GOVERNMENT INSTALLED	T.O.W.	TOP OF WALL
G.I.	GALVANIZED STEEL	TYP.	TYPICAL
GND.	GROUND	VERT.	VERTICAL
GOVT.	GOVERNMENT	VEST.	VESTIBULE
		W/	WITH
		WD	WOOD

### DESIGN TEAM

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### LIST OF DRAWINGS

#### ARCHITECTURAL

1 OF 23	A-GI000	COVER SHEET
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3 OF 23	A-SP101	ARCHITECTURAL SITE PLAN
4 OF 23	A-DP101	DEMOLITION ARCHITECTURAL FLOOR PLAN AND REFLECTED CEILING PLAN
5 OF 23	A-FP101	ARCHITECTURAL FLOOR PLAN AND REFLECTED CEILING PLAN
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#### PLUMBING

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#### MECHANICAL

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15 OF 23	M-S01	MECHANICAL DETAILS
16 OF 23	M-S01	MECHANICAL SCHEDULES
17 OF 23	M-S02	MECHANICAL CONTROLS

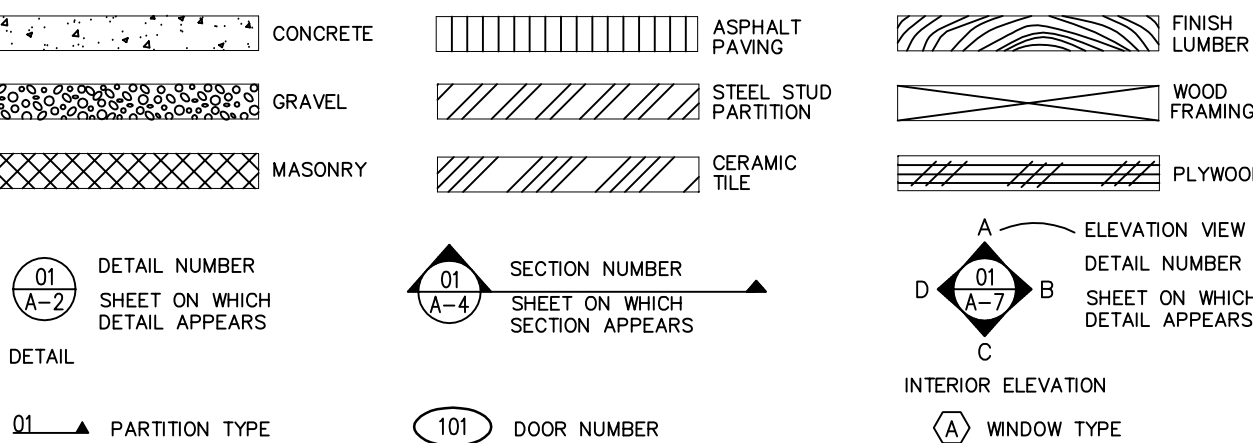
#### ELECTRICAL

18 OF 23	E-G101	SYMBOLS, SCHEDULES, AND NOTES
19 OF 23	E-D101	ELECTRICAL DEMOLITION PLAN
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21 OF 23	E-P101	POWER PLAN
22 OF 23	E-X101	ELECTRICAL DIAGRAMS

#### STRUCTURAL

23 OF 23	S-GN100	GENERAL STRUCTURAL NOTES
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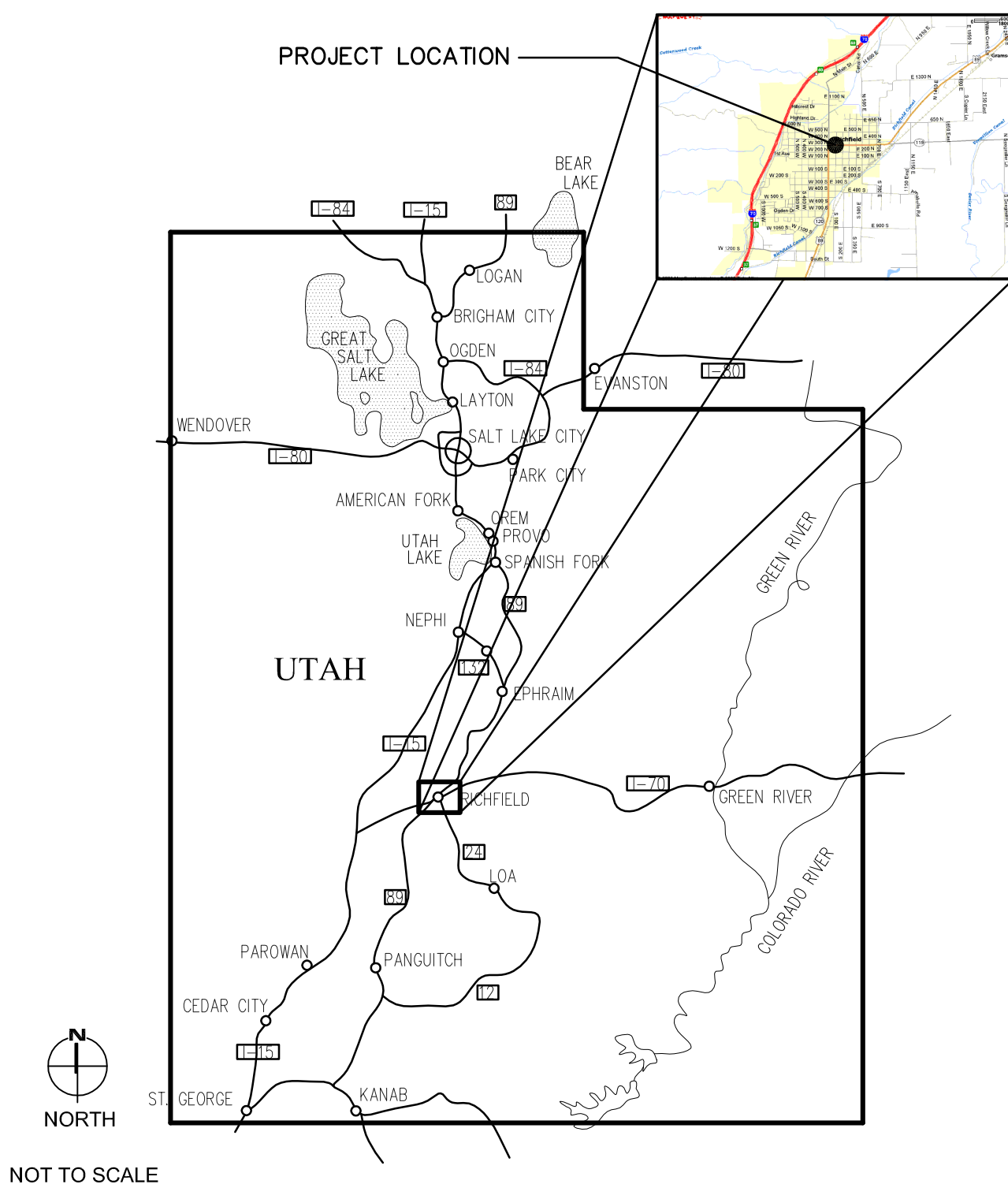
### GRAPHIC KEY



### GENERAL NOTES

- SUBCONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH ALL PORTIONS OF THE DRAWINGS, SPECIFICATIONS AND ADDENDA THAT PERTAIN TO THEIR WORK. THEY SHALL BE HELD RESPONSIBLE FOR ADHERING TO THOSE REQUIREMENTS AND SHALL NOT PREPARE ANY BID FROM PARTIAL SETS.
- ALL NUTS, BOLTS AND MISCELLANEOUS METAL EXPOSED TO WEATHER SHALL BE GALVANIZED UNLESS OTHERWISE NOTED.
- ALL WORK SHALL COMPLY STRICTLY WITH THE INTERNATIONAL BUILDING CODE 2003, LATEST EDITION, AND ALL LOCAL CODES AND ORDINANCES.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS AND SHALL REPORT ANY INCONSISTENCIES TO THE CONTRACTING OFFICER.
- CONTRACTOR SHALL REMOVE ALL SURPLUS MATERIALS, FALSE WORK, TEMPORARY STRUCTURES, INCLUDING FOUNDATIONS AND DEBRIS OF ANY NATURE RESULTING FROM HIS OPERATIONS, AND TO PUT THE SITE IN A NEAT AND ORDERLY CONDITION.
- DIMENSIONAL DISCREPANCIES SHALL BE CLARIFIED WITH THE CONTRACTING OFFICER.
- CONTRACTOR SHALL VERIFY LOCATIONS AND SHALL PROVIDE PROTECTION FOR UTILITIES WITHIN THE WORK AREA, WHETHER OR NOT INDICATED IN THE DRAWINGS. CONTRACTOR SHALL NOTIFY UTILITY COMPANY IMMEDIATELY SHOULD SERVICE BE INTERRUPTED.
- IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL CONSTRUCTION DOCUMENTS AND VERIFY ALL WORK ASSOCIATED WITH ALL TRADES. FOR EXAMPLE, IF ELECTRICAL CONSTRUCTION DOCUMENT INDICATES A NEW ELECTRICAL SWITCH TO BE LOCATED WITHIN AN EXISTING WALL WHICH REQUIRES THE EXISTING GYPSUM BOARD TO BE CUT, PATCHED, AND REPAIRED, IT WILL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO CUT, PLACE THE NEW ELECTRICAL AND REPAIR GYPSUM BOARD WALL.

### VICINITY MAP



### DFCM DESIGN AND CODE CRITERIA

APPLICABLE CODES			
	Year		Year
International Building Code	2003	National Electrical Code	2002
International Mechanical Code	2003	Uniform Code for	
International Plumbing Code	2003	Building Conservation	N/A
International Fire Code	2003	ADA Accessibility	
International Energy Conservation Code		Guidelines	2003

A. Occupancy and Group: I-1  
Change in Use: Yes No X Mixed Occupancy: Yes No X  
Special Use and Occupancy (e.g. High Rise, Covered Mall): No

B. Seismic Design Category: N/A Design Wind Speed: N/A mph

C. Type of Construction (circle one):  

I	II	III	IV	V	VI
A	B	A	B	HT	A

D. Fire Resistance Rating Requirements for the Exterior Walls based on the fire separation distance (in hours):  
North: N/A South: N/A East: N/A West: N/A

E. Mixed Occupancies: NO Nonseparated Uses: NO

F. Sprinklers:  
Required: NO Provided: YES Type of Sprinkler System: WET PIPE

G. Number of Stories: 1 Building Height:       

H. Actual Area per Floor (square feet): 4869 SQUARE FEET

I. Tabular Area: 4500 SQUARE FEET (building is sprinkled increase as per 506.3. 200%)

J. Area Modifications:

$$a) A_s = A_1 + \left[ \frac{A_1 I_f}{100} \right] + \left[ \frac{A_1 I_s}{100} \right] \quad I_f = 100 \left[ \frac{F}{P} - 0.25 \right] \frac{W}{30}$$

b) Sum of the Ratio Calculations for Mixed Occupancies:

$$\frac{\text{Actual Area}}{\text{Allowable Area}} \leq 1$$

c) Total Allowable Area for:

- One Story: —
- Two Story: A<sub>s</sub>(2) —
- Three Story: A<sub>s</sub>(3) —

d) Unlimited Area Building: Yes — No — Code Section: —

K. Fire Resistance Rating Requirements for Building Elements (hours).

Element	Hours	Assembly Listing	Element	Hours	Assembly Listing
Exterior Bearing Walls	0		Floors - Ceiling Floors	0	
Interior Bearing Walls	0		Roofs - Ceiling Roofs	0	
Exterior Non-Bearing Walls	0		Exterior Doors and Windows	0	
Structural Frame	0		Shaft Enclosures	0	
Partitions - Permanent	0		Fire Walls	0	
Fire Barriers	0		Fire Partitions	0	
			Smoke Partitions		

L. Design Occupant Load: 26

Exit Width Required: 3'-0" Exit Width Provided: 4'-7"

M. Minimum Number of Required Plumbing Facilities:

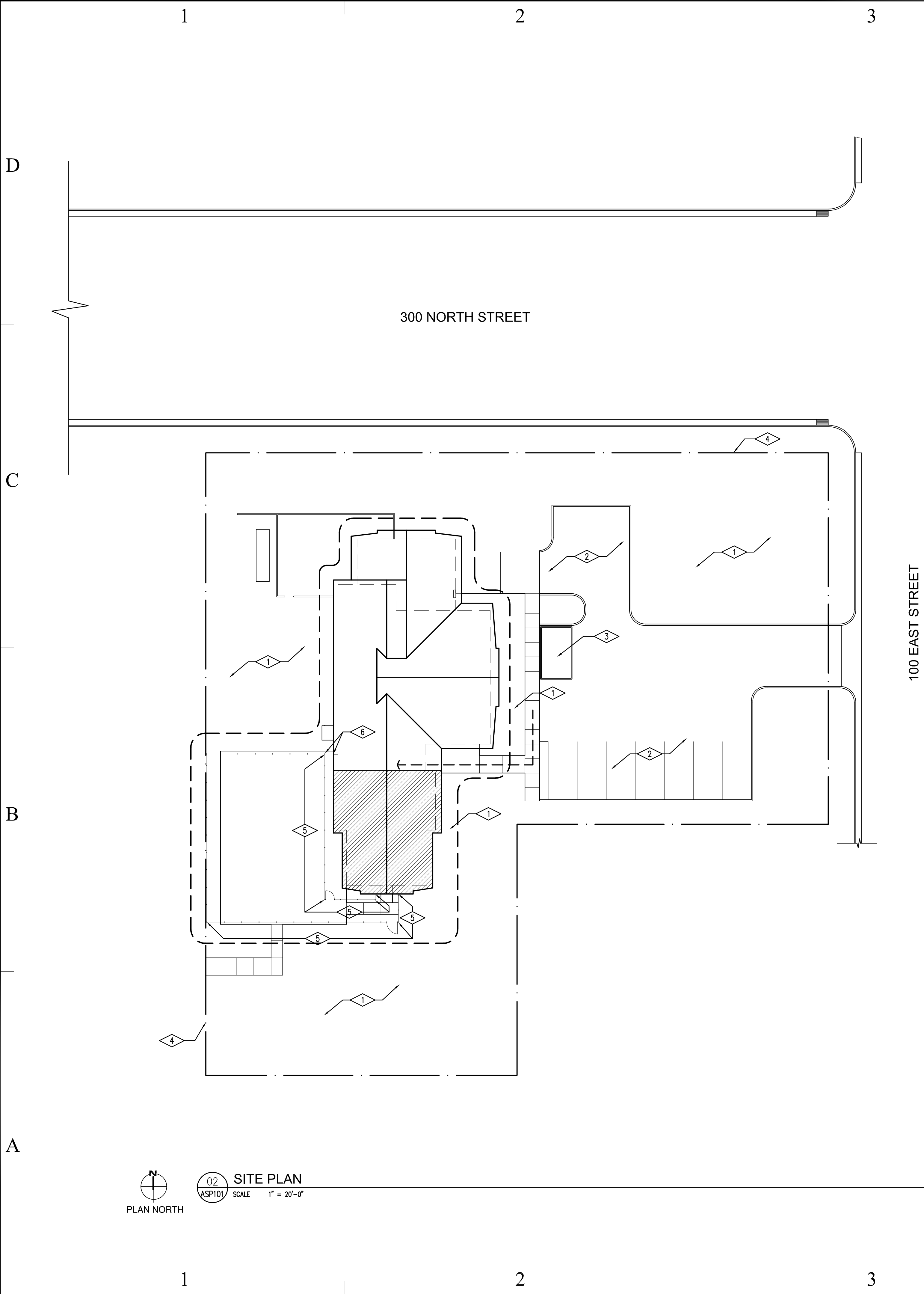
- Water Closets - Required (m) 1-10 (f) 1-10 Provided (m) 2 (f) 2
- Lavatories - Required (m) 1-8 (f) 1-8 Provided (m) 2 (f) 2
- Bath Tubs or Showers: —
- Drinking Fountains: 1 Provided Service Sinks: 1 Provided

#### FOOTNOTES:

- In case of conflict with the U.S. Department of Justice Federal Registers Parts I through V - ADA Guidelines and specific reference to the International Building Code Accessibility Chapters, the more restrictive requirement shall govern.
- Additional Code Information shall be provided at the discretion of the Building Official for Complex Buildings. Including, but not limited to:
  - High Rise Requirements.
  - Atriums.
  - Performance Based Criteria.
  - Means or Egress Analysis.
  - Fire Assembly Locator Sheet.
  - Exterior and Interior Accessibility Route.
  - Fire Stopping, Including Tested Design Number.

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REFERENCE NOTES

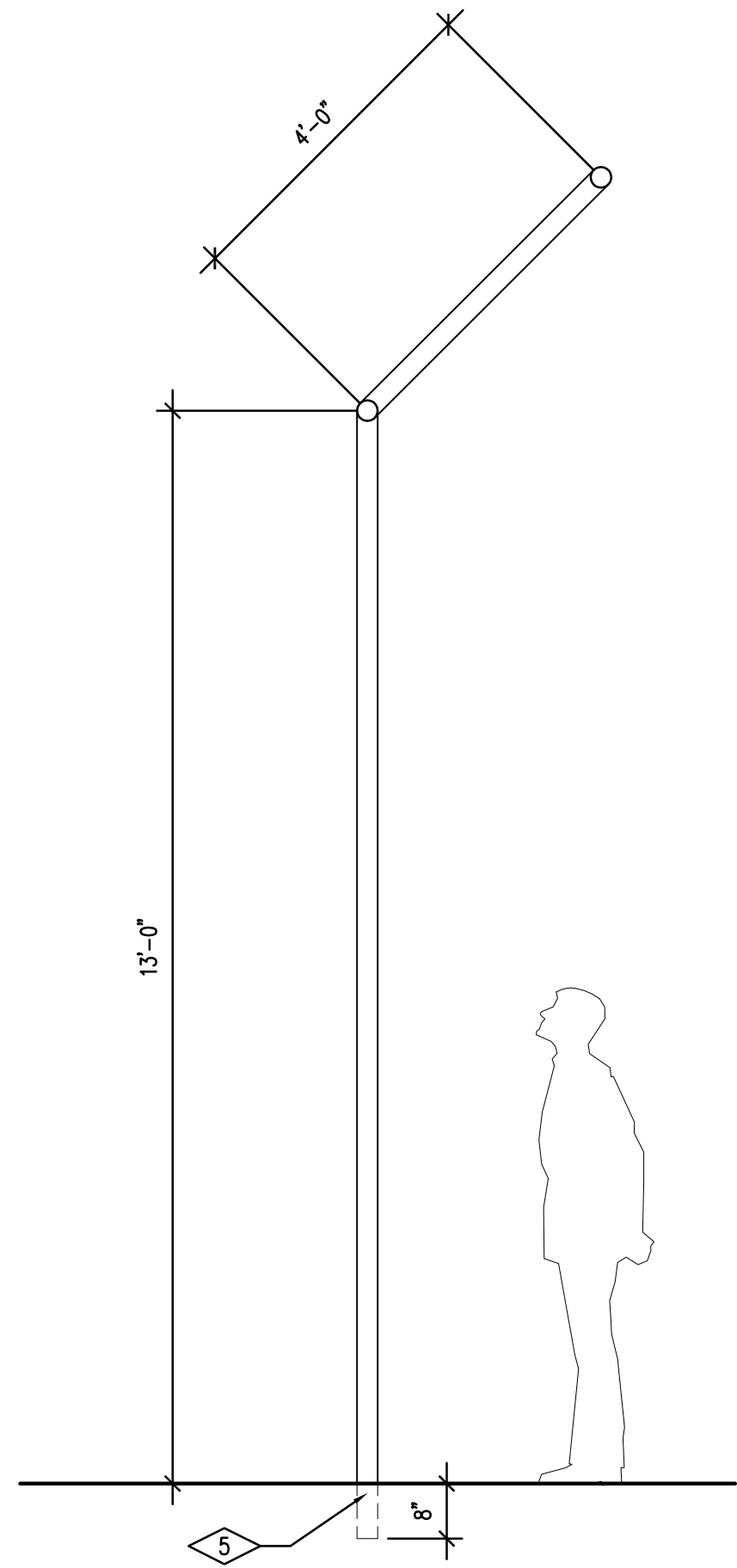
- 1 EXISTING LANDSCAPING TO REMAIN UNDISTURBED
- 2 EXISTING STAFF PARKING. GENERAL CONTRACTOR SHALL NOT PARK IN STAFF PARKING
- 3 PROPOSED GARBAGE DUMPSTER LOCATION
- 4 PROPERTY LINE
- 5 EXISTING CHAIN-LINK FENCE TO BE REMOVED AT THESE LOCATIONS, SEE EXISTING CHAIN-LINK FENCE SECTION THIS SHEET. GENERAL CONTRACTOR SHALL CUT & REMOVE CHAIN-LINK POSTS TO 8" BELOW EXISTING GRADE. WHERE POSTS ARE SET IN EXISTING CONCRETE SLAB, GENERAL CONTRACTOR SHALL REMOVE POST TO 8" BELOW TOP OF CONCRETE SLAB. GENERAL CONTRACTOR SHALL SAW CUT EXISTING CONCRETE SLAB IN A NEAT/CLEAN MANNER & PROVIDE NEW CONCRETE PATCH AT LOCATION WHERE POSTS WERE REMOVED.
- 6 PROVIDE NEW 6'-0" HIGH CHAIN-LINK FENCE BETWEEN EXISTING POST AND FACE OF EXISTING STRUCTURE.

GENERAL NOTES

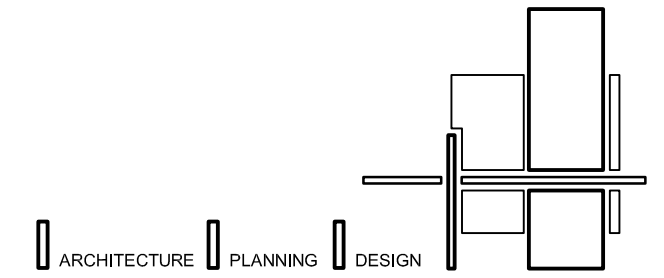
- 1. GENERAL CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF ANY CONCRETE SIDEWALK, CURB & GUTTER, ASPHALT, LANDSCAPING, ETC. DISTURBED OR DESTROYED DURING CONSTRUCTION.
- 2. GENERAL CONTRACTOR SHALL MAINTAIN EMERGENCY, EXISTING STAFF AND UTILITY VEHICLE ACCESS AT ALL TIMES TO ALL EXISTING BUILDING ENTRANCES.

LEGEND

- ← - - - GENERAL CONTRACTOR PROJECT ACCESS
- [Hatched Box] HATCH PATTERN INDICATES AREA OF CONSTRUCTION
- - - - CONTRACT LIMIT LINE



01 EXISTING CHAIN-LINK FENCE SECTION  
SCALE 1/2" = 1'-0"



BUILDING NAME:

SECURE/NON SECURE  
YOUTH CARE HOME

PROJECT TITLE:

SECURE/NON SECURE  
YOUTH CARE HOME  
REMODEL

MARK	DATE	DESCRIPTION
ISSUE TYPE: CONSTRUCTION DOCUMENTS		

ISSUE DATE: OCTOBER 10, 2005

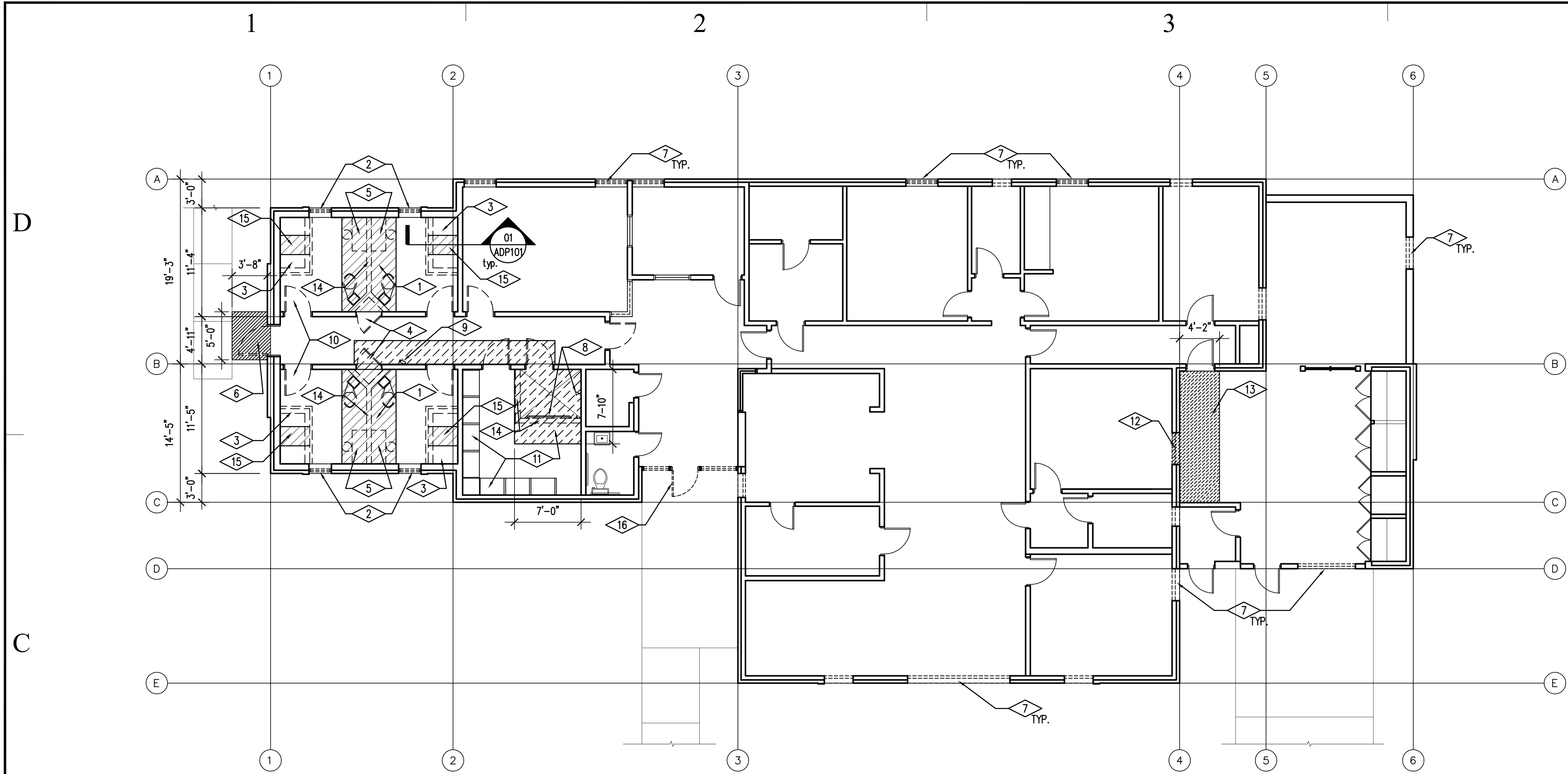
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CAD PROJECT NO: 2005-04
CAD DWG FILE:
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SHEET TITLE

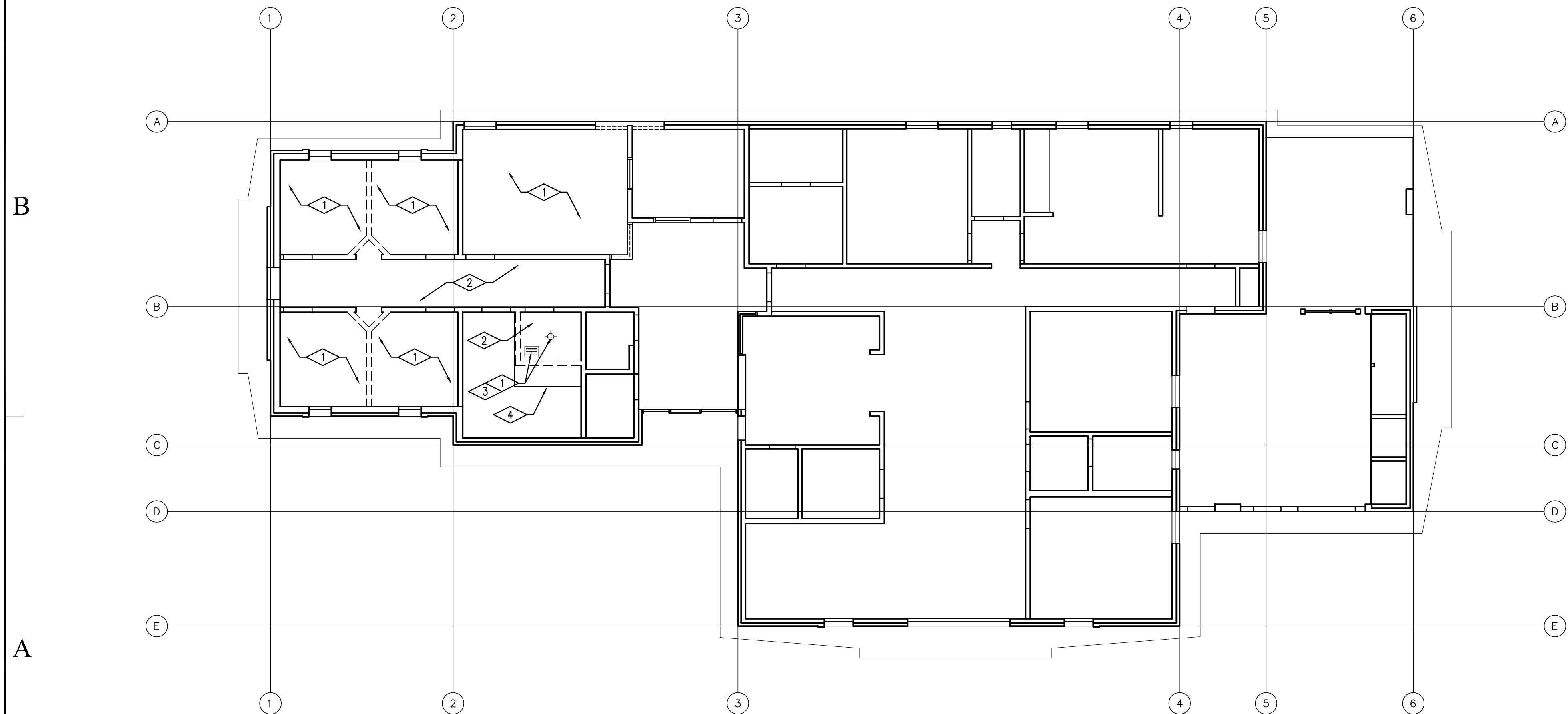
SITE PLAN

SHEET NUMBER

A-SP100



03  
ADP101  
SCALE 1/8" = 1'-0"  
PLAN NORTH  
DEMOLITION FLOOR PLAN



02  
ADP101  
SCALE 1/8" = 1'-0"  
PLAN NORTH  
DEMOLITION REFLECTED CEILING PLAN

REFERENCE NOTES

- 1 GENERAL CONTRACTOR SHALL SAW CUT AND REMOVE EXISTING CONCRETE FLOOR SLAB AT LOCATIONS SHOWN. GENERAL CONTRACTOR SHALL PROVIDE NEW 4" CONCRETE FLOOR SLAB OVER 4" COMPACTED GRAVEL BASE TO MATCH EXISTING FLOOR SLAB AND TO RECEIVE NEW FINISH.
- 2 EXISTING DETENTION HOLLOW METAL WINDOW FRAME & GLAZING SYSTEM TO BE REMOVED. SEE NEW WINDOW TYPE FOR NEW WINDOWS AT THESE LOCATIONS.
- 3 EXISTING 4" CONCRETE DETENTION BED TO BE REMOVED, SEE DETAIL 01/ADP101
- 4 EXISTING PLUMBING CHASE DOOR TO BE REMOVED
- 5 EXISTING DETENTION STOOL & DESK TO BE REMOVED
- 6 EXISTING EXTERIOR CONCRETE STOOP TO BE REMOVED & REPLACED W/ NEW CONCRETE STOOP TO MATCH BUILDING FLOOR ELEVATION.
- 7 EXISTING WINDOWS TO BE REMOVED, SEE ADD ALTERNATES
- 8 EXISTING SHOWER ROOM GRAB BARS TO BE REMOVED, EXISTING SHOWER HEAD TO BE REMOVED.
- 9 EXISTING CAMERA TO BE REMOVED AND RETURNED TO OWNER
- 10 EXISTING DOORS TO BE REMOVED. EXISTING HINGES TO BE GROUND OFF. EXISTING STEEL DOOR FRAME TO REMAIN, THESE DOORS ONLY.
- 11 EXISTING SHELVING TO BE REMOVED & STORED. GENERAL CONTRACTOR SHALL REPLACE REMOVED SHELVING AFTER CONSTRUCTION
- 12 GENERAL CONTRACTOR SHALL VERIFY LOCATION WHERE EXISTING WINDOW HAS BEEN COVERED OVER. GENERAL CONTRACTOR TO OPEN UP WALL AT THAT LOCATION AS NEEDED TO PROVIDE DOOR AS SCHEDULED
- 13 NEW CONCRETE SLAB TO BE POURED OVER TOP OF EXISTING FLOOR SLAB. GENERAL CONTRACTOR SHALL EPOXY DOWEL (4) #4 BARS INTO EXISTING CONCRETE FLOOR SLAB, BEND & TIE TOGETHER W/ #4 BARS TO HOLD NEW CONCRETE STOOP IN PLACE.
- 14 INTERIOR 6" MASONRY WALL TO BE REMOVED, SEE LEGEND BELOW.
- 15 CONCRETE SLAB BELOW DETENTION BEDS TO BE REMOVED AS NEEDED FOR NEW MECHANICAL DUCT WORK, SEE MECHANICAL DRAWINGS. PROVIDE NEW FLOOR SLAB AS PER LEGEND.
- 16 EXISTING H.M. DOOR, FRAME & GLAZING H.M. WINDOW SYSTEM TO BE REMOVED.

GENERAL NOTES

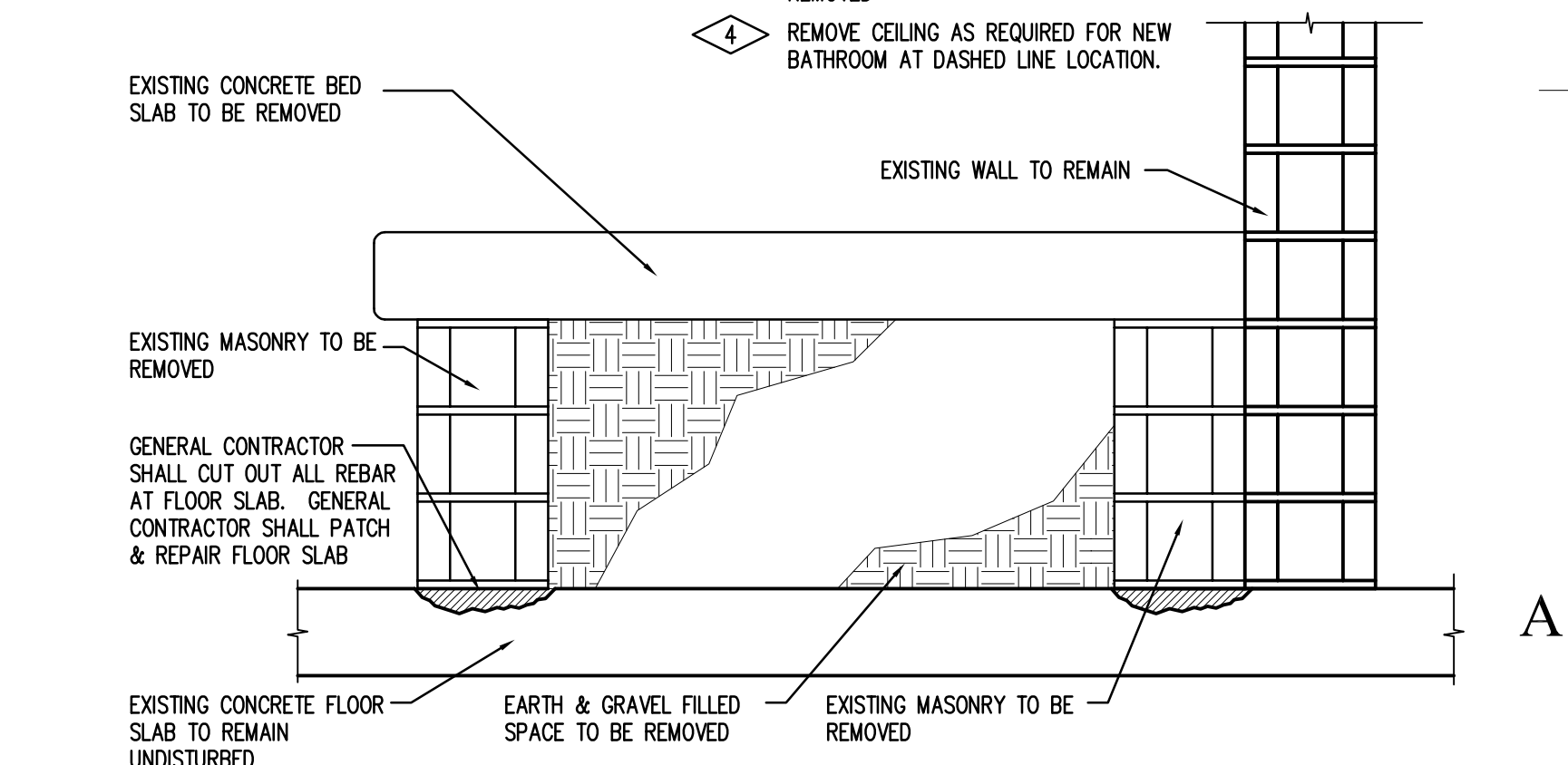
- 1. GENERAL CONTRACTOR SHALL REPLACE AND REPAIR ALL CONCRETE FLOORING DAMAGED DURING THE DEMOLITION AND CONSTRUCTION.
- 2. SEE ELECTRICAL & MECHANICAL DEMOLITION DRAWINGS & NOTES.
- 3. IN AREAS OF CONSTRUCTION WHERE WALLS ARE TO REMAIN, GENERAL CONTRACTOR SHALL PATCH AND REPAIR WALL SURFACE TO RECEIVE NEW FINISH AS PER FINISH SCHEDULE.

LEGEND

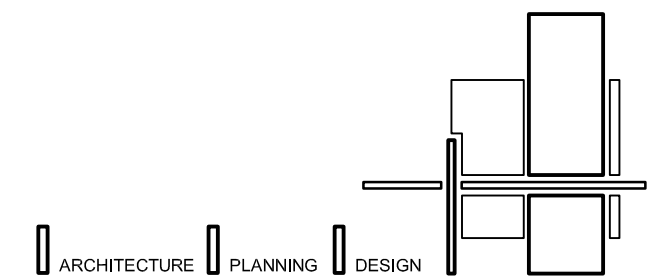
- DASHED DOOR LINES INDICATE EXISTING DOOR AND FRAME TO BE REMOVED
- DASHED LINES INDICATE EXISTING 6" MASONRY WALLS TO BE REMOVED.
- CONTRACT LIMIT LINE
- HATCH PATTERN INDICATES LOCATION OF EXISTING CONCRETE FLOOR SLAB TO BE SAW CUT & REMOVED BY GENERAL CONTRACTOR. SEE PLUMBING DRAWINGS. GENERAL CONTRACTOR SHALL PROVIDE NEW 4" CONCRETE SLAB OVER 4" COMPACTED GRAVEL BASE AT LOCATIONS WHERE CONCRETE SLAB HAS BEEN REMOVED. IT IS THE GENERAL CONTRACTOR REQUIREMENTS TO COORDINATE ALL LOCATIONS AND SIZE REQUIREMENTS OF ALL SAW CUTS WITH ALL SUBCONTRACTORS PRIOR TO CUTTING.
- EXISTING DETENTION TYPE TOILET/SINK COMBINATION FIXTURE TO BE REMOVED & DISPOSED OF.

REFERENCE NOTES  
DEMOLITION CEILING PLAN

- 1 REMOVE EXISTING LIGHT FIXTURES THIS SPACE, SEE ELECTRICAL DEMO DRAWINGS.
- 2 REMOVE EXISTING LIGHTS, GYPSUM BOARD CEILING & WOOD CEILING FRAMING.
- 3 EXISTING CEILING EXHAUST FAN TO BE REMOVED
- 4 REMOVE CEILING AS REQUIRED FOR NEW BATHROOM AT DASHED LINE LOCATION.



01  
ADP101  
SCALE 1 1/2" = 1'-0"  
DETENTION BED DEMOLITION DETAIL



BUILDING NAME:

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YOUTH CARE HOME

PROJECT TITLE:

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REMODEL

MARK	DATE	DESCRIPTION

ISSUE DATE: OCTOBER 10, 2005

DFCM PROJECT NO: 05129400

CAD PROJECT NO: 2005-04

CAD DWG FILE:

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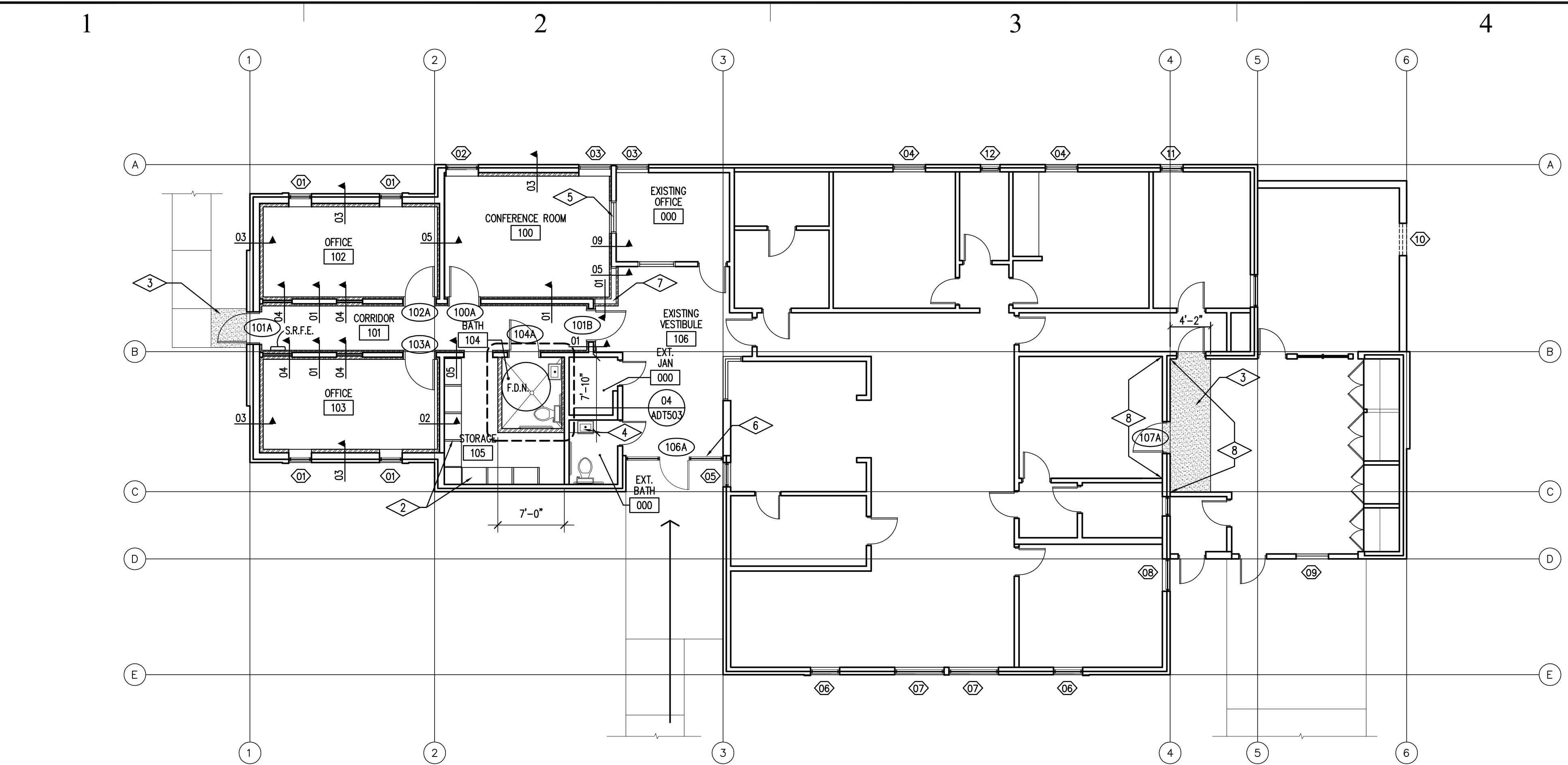
SHEET TITLE

DEMOLITION FLOOR  
AND  
REFLECTED CEILING PLANS

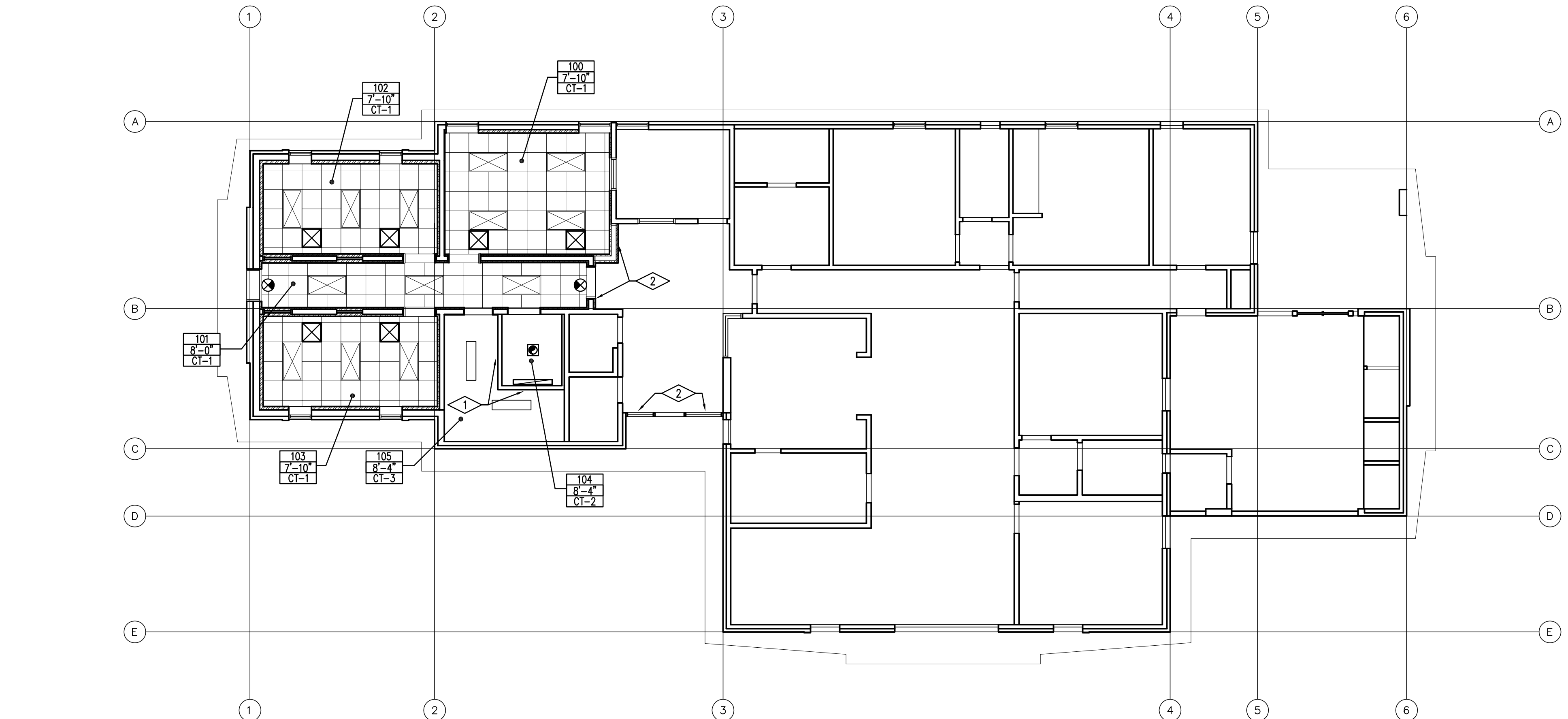
SHEET NUMBER

A-DP101





01 FLOOR PLAN  
AFP101 SCALE 1/8" = 1'-0"



01 REFLECTED CEILING PLAN  
AFP101 SCALE 1/8" = 1'-0"

## FLOOR PLAN REFERENCE NOTES

- EXISTING STRIP SURFACE MOUNTED LIGHT FIXTURES TO BE REPLACED
- EXISTING SHELIVING TO BE REMOVED AND WALLS BEHIND PAINTED. EXISTING SHELIVING TO BE REINSTALL WITH NEW RUBBER BASE AT SHELIVING.
- NEW CONCRETE STOOD. PROVIDE NEW FLOOR FINISH TO MATCH EXISTING AT NEW CONCRETE STEP
- GENERAL CONTRACTOR SHALL PROVIDE ADA PIPE PROTECTION FOR EXPOSED PLUMBING AT THIS SINK LOCATION
- EXISTING HOLLOW METAL WINDOW FRAME TO BE PAINTED, COLOR BY ARCHITECT
- GENERAL CONTRACTOR SHALL PATCH & REPAIR EXISTING VESTIBULE FLOOR, WALL & CEILING SURFACES AS NECESSARY TO CREATE A "LIKE NEW" FINISH WHERE NEW STORE FRONT WINDOW/DOOR SYSTEM HAS BEEN INSTALLED
- GENERAL CONTRACTOR TO USE METAL STUD FRAMING TO IN-FILL EXISTING OPENING AT WINDOW LOCATION
- EXISTING WALL TO BE REPAINTED. PROVIDE NEW BASE TO MATCH EXISTING.

## GENERAL NOTES

- REFER TO FINISH SCHEDULE FOR ADDITIONAL FINISH NOTES.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF ANY CONCRETE SIDEWALK, CURB & GUTTER, ASPHALT, LANDSCAPING, ETC., DISTURBED OR DESTROYED DURING CONSTRUCTION
- WHERE WALLS HAVE BEEN REMOVED AND OPENINGS HAVE BEEN INFILLED, GENERAL CONTRACTOR SHALL PATCH AND REPAIR WALL AT LOCATIONS TO CREATE A "LIKE NEW" FINISH.
- IN AREAS OF CONSTRUCTION WHERE WALLS ARE TO REMAIN, GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL WALL SURFACES TO RECEIVE NEW FINISH AS PER FINISH SCHEDULE.
- WHERE NEW WALLS TIE-IN TO EXISTING GYPSUM BOARD WALLS, GENERAL CONTRACTOR SHALL CREATE A "LIKE NEW" FINISH.

## LEGEND FLOOR PLAN

- 100A — DOOR TAG
- RM. NAME — ROOM TAG
- W.P. — WORKING POINT
- 03 — WALL TYPE, SEE WALL TYPE DRAWING
- S.R.F.E. — NEW SEMI-RECESSED FIRE EXTINGUISHER, SEE SPECIFICATION
- HATCH PATTERN INDICATES NEW METAL STUD AND GYPSUM BOARD WALLS. SEE WALL TYPES FOR WALL CONSTRUCTION AND FIRE RATING
- F.D.N. — NEW FLOOR DRAIN, SEE PLUMBING DRAWINGS
- GENERAL CONTRACTOR PROJECT ACCESS
- 01 — WINDOW TYPE

## CEILING PLAN REFERENCE NOTES

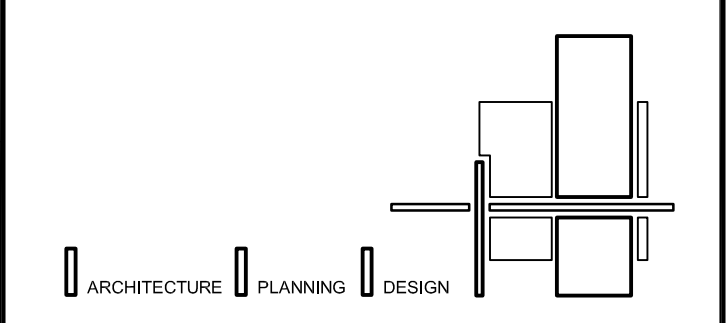
- GENERAL CONTRACTOR SHALL PATCH AND REPAIR CEILING AT LOCATIONS WHERE EXISTING WALLS CEILING SYSTEMS HAVE BEEN REMOVED
- GENERAL CONTRACTOR SHALL PATCH AND REPAIR CEILING AT THESE LOCATIONS

## GENERAL NOTES

- GENERAL CONTRACTOR SHALL RELOCATE AND PROVIDE NEW FIRE SPRINKLER HEADS AS REQUIRED BY PERFORMANCE SPECIFICATION.
- NEW SUSPENDED CEILING GRIDS SHALL BE CENTERED IN SPACES AS SHOWN ON REFLECTED CEILING PLANS, UNLESS SHOWN OTHERWISE.
- SEE ALL CEILING DETAILS ON SHEET ADT503

## LEGEND CEILING PLAN

- CEILING FAN EXISTING, SEE ELECTRICAL DRAWINGS
- EXIT SIGN, SEE ELECTRICAL DRAWINGS.
- ROOM NUMBER
- CEILING HEIGHT
- CEILING TYPE
- 2X4 FLUORESCENT LAY-IN LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS.
- WALL MOUNTED FLUORESCENT LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS.
- NEW SUPPLY AIR DIFFUSER, SEE MECHANICAL DRAWINGS.



BUILDING NAME:

SECURE/NON SECURE  
YOUTH CARE HOME

PROJECT TITLE:

SECURE/NON SECURE  
YOUTH CARE HOME  
REMODEL

MARK	DATE	DESCRIPTION
ISSUE TYPE: CONSTRUCTION DOCUMENTS		

ISSUE DATE: OCTOBER 10, 2005

DFCM PROJECT NO: 05129400  
CAD PROJECT NO: 2005-04  
CAD DWG FILE:  
DRAWN BY: BRIAN AND SCOTT  
CHK'D BY: SCOTT  
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SHEET TITLE

FLOOR PLAN AND  
REFLECTED CEILING PLAN

SHEET NUMBER

A-FP101

ISSUE DATE: OCTOBER 10, 2005

SHEET TITLE

SHEET NUMBER

# A-EL200

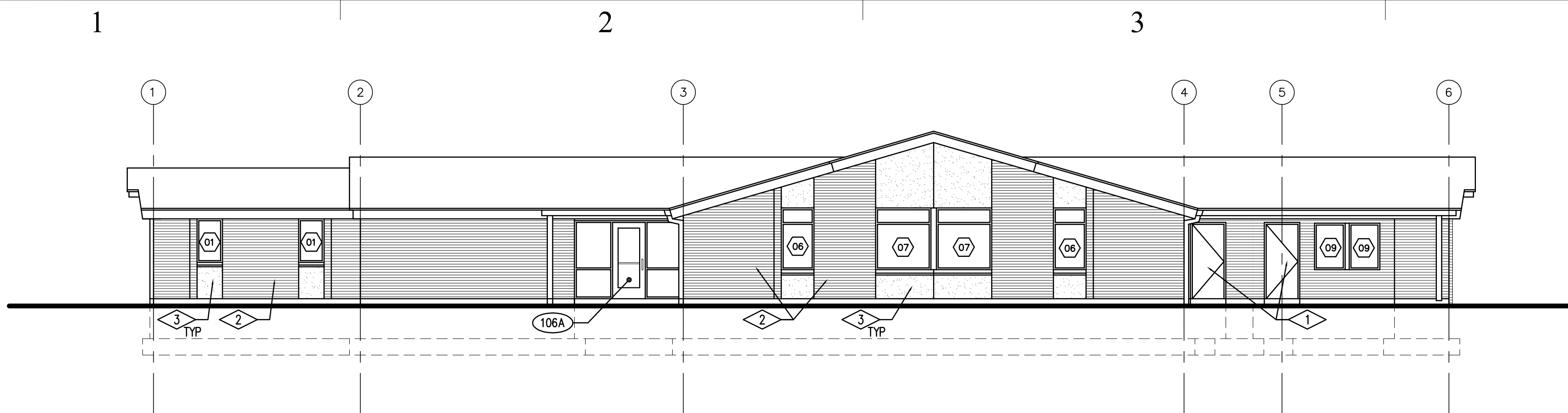
SHEET 6 OF 23

1	EXISTING DOOR TO REMAIN UNDISTURBED
2	EXISTING BRICK VENEER NOT TO BE DISTURBED
3	EXISTING SANDSPRAY PANEL NOT TO BE DISTURBED

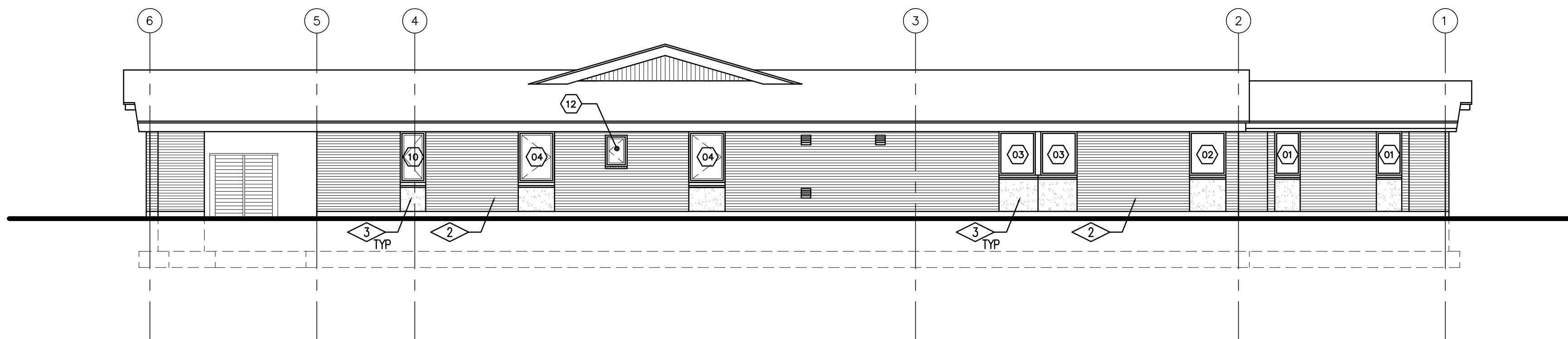
1. GENERAL CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF ANY CONCRETE SIDEWALK, CURB & GUTTER, ASPHALT, LANDSCAPING, ETC., DISTURBED OR DESTROYED DURING CONSTRUCTION
2. GENERAL CONTRACTOR SHALL FIELD VERIFY ALL WINDOW OPENINGS PRIOR TO CREATING SHOP DRAWINGS.

01 WINDOW TYPES, SEE SHEET ADT501

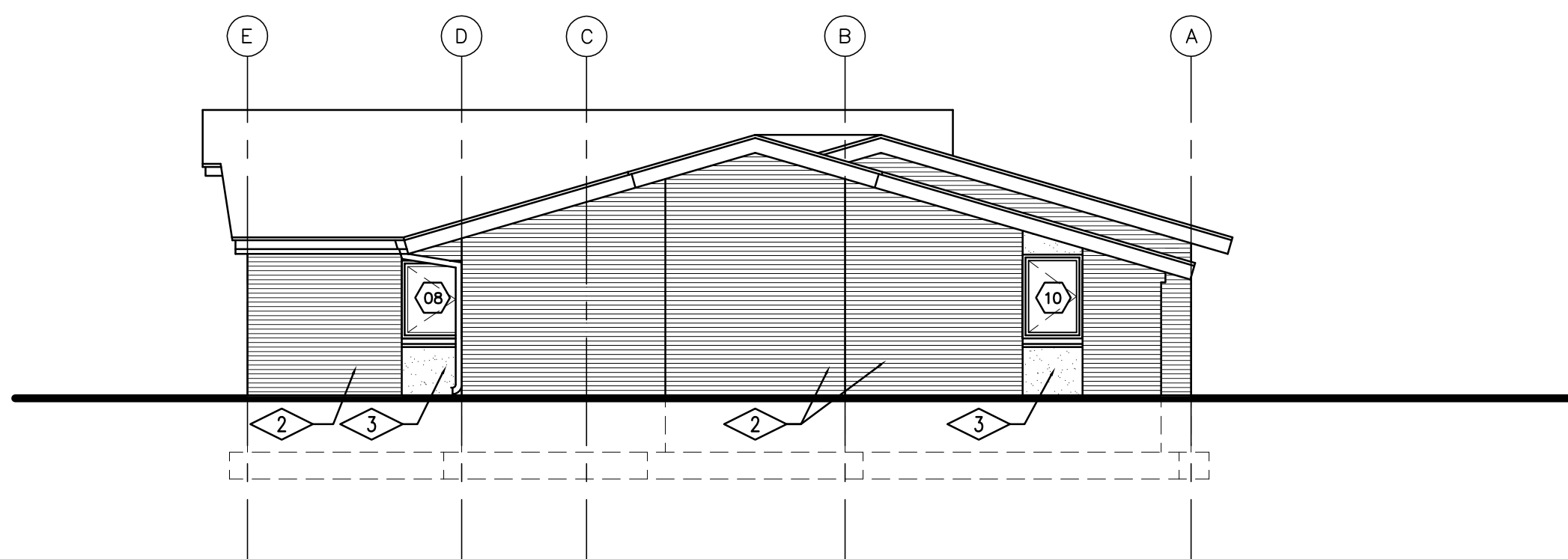
100A DOOR TAG



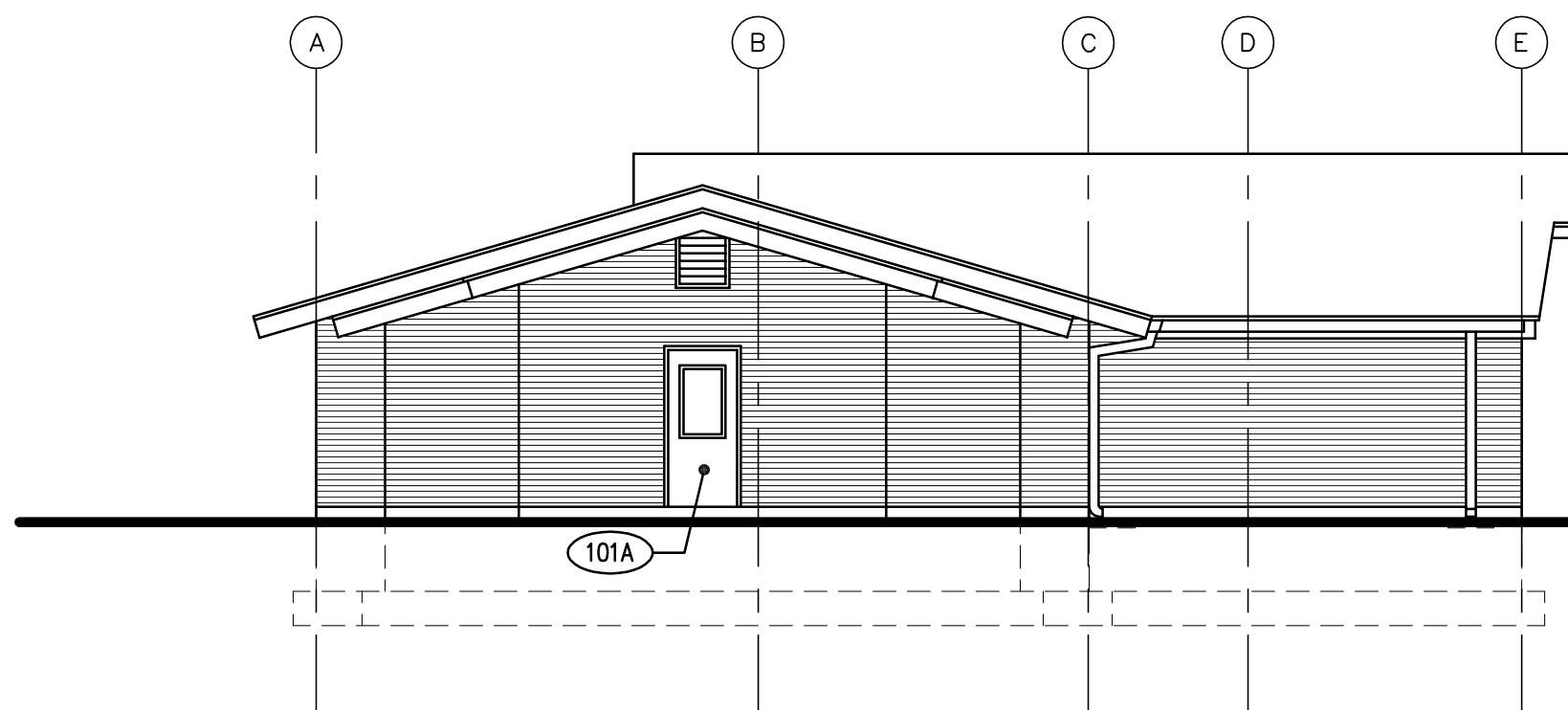
04 EAST ELEVATION  
AEL200 SCALE 1/8" = 1'-0"



03 WEST ELEVATION  
AEL200 SCALE 1/8" = 1'-0"



02 NORTH ELEVATION  
AEL200 SCALE 1/8" = 1'-0"



01 SOUTH ELEVATION  
AEL200 SCALE 1/8" = 1'-0"



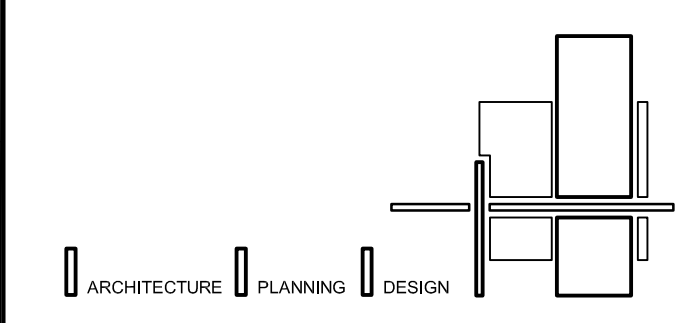


1

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3

4



BUILDING NAME:

SECURE/NON SECURE  
YOUTH CARE HOME

PROJECT TITLE:

SECURE/NON SECURE  
YOUTH CARE HOME  
REMODEL

MARK	DATE	DESCRIPTION
ISSUE TYPE: CONSTRUCTION DOCUMENTS		

ISSUE DATE: OCTOBER 10, 2005

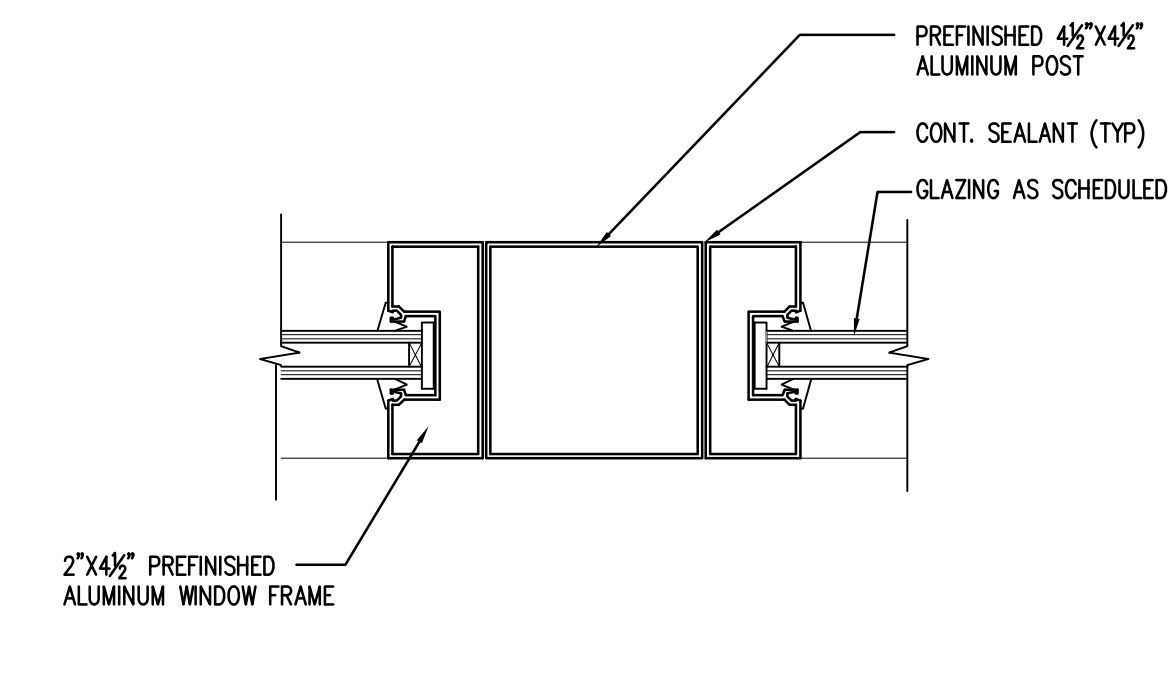
DFCM PROJECT NO: 05129400  
CAD PROJECT NO: 2005-04  
CAD DWG FILE:  
DRAWN BY: BRIAN AND SCOTT  
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SHEET TITLE

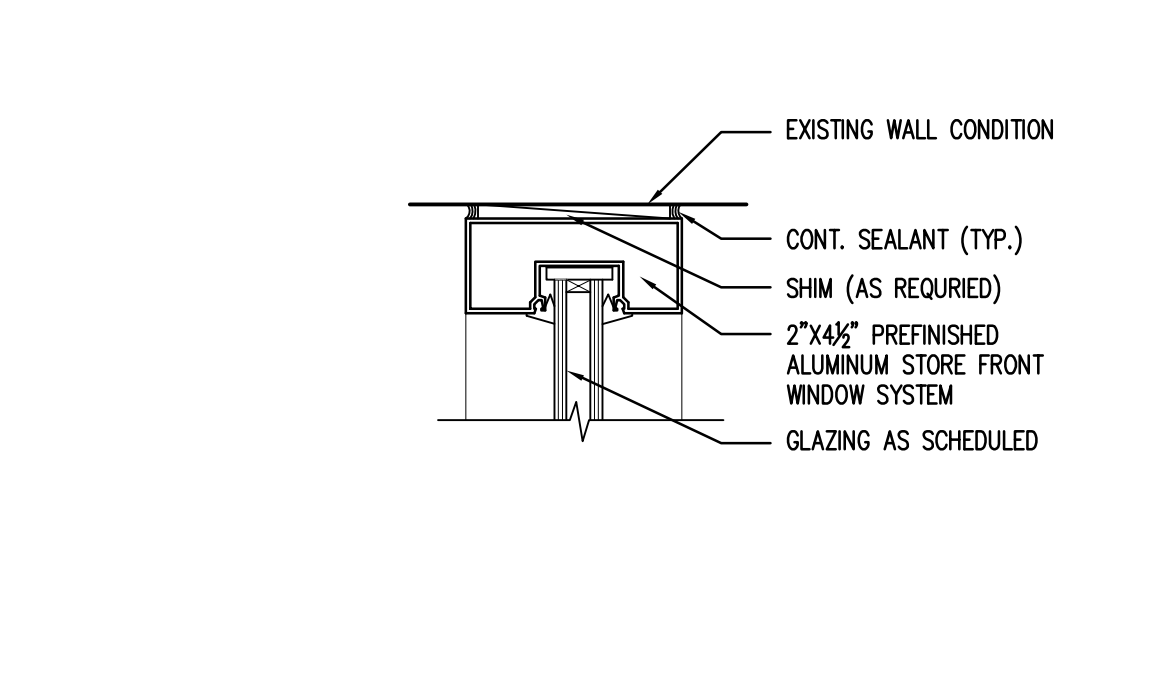
DOOR AND WINDOW  
DETIALS

SHEET NUMBER

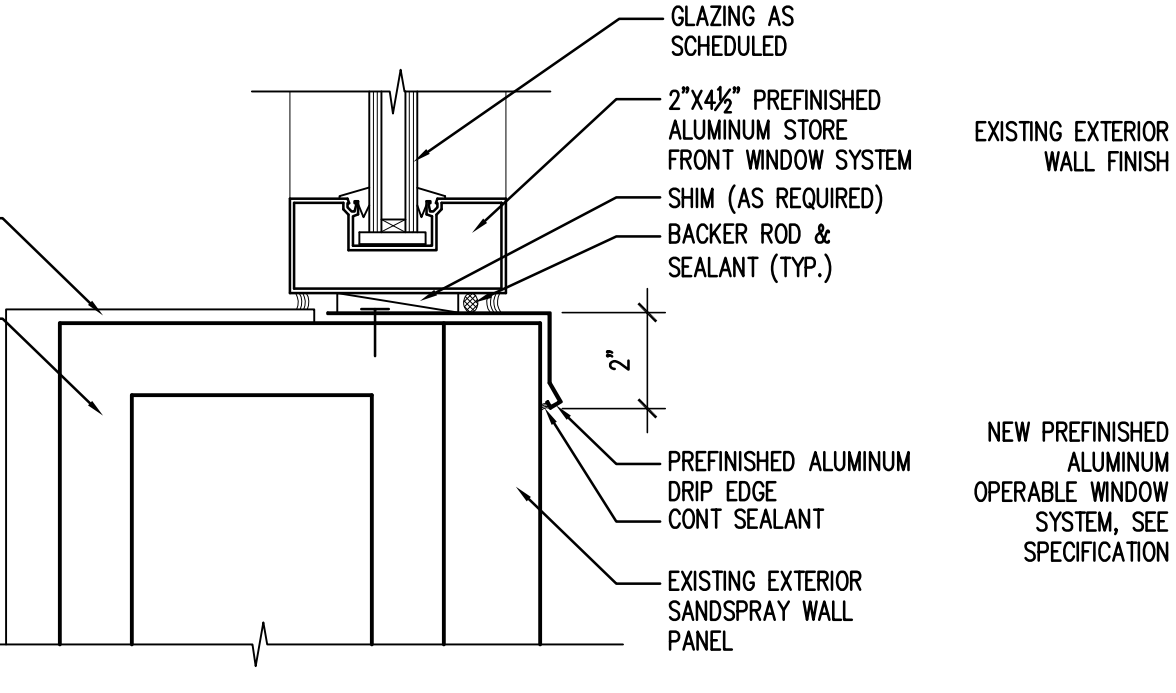
A-DT502



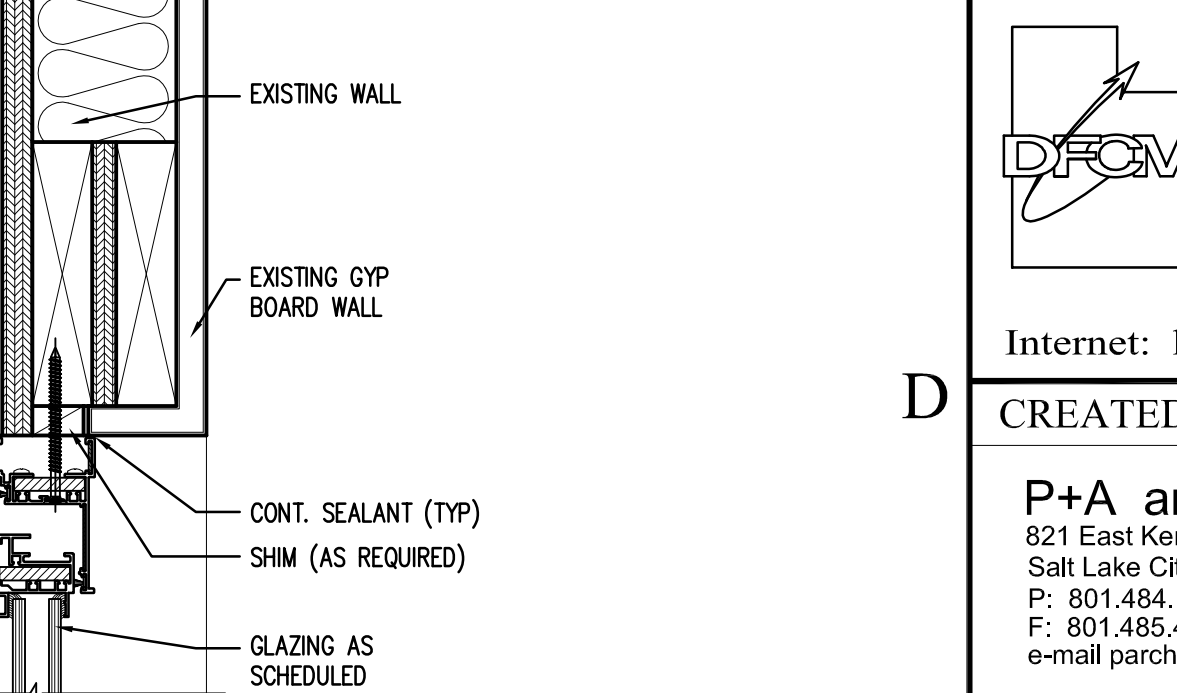
16 WINDOW MULLION DETAIL  
SCALE 3" = 1'-0"



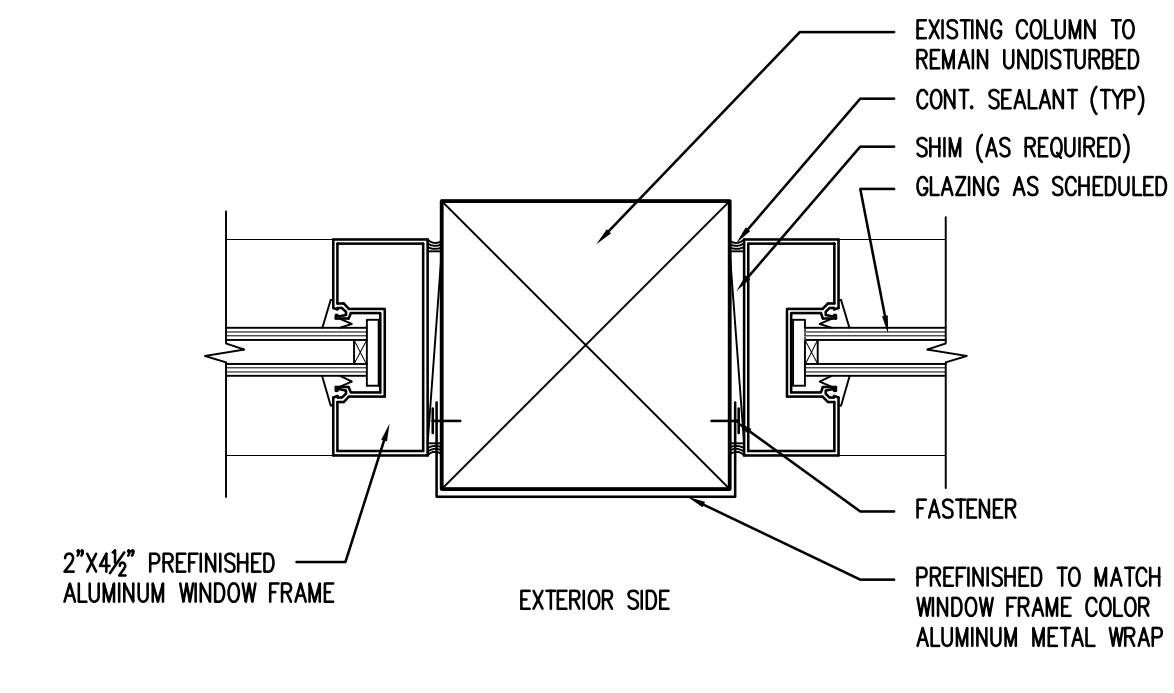
15 WINDOW DETAIL JAMB/HEAD  
SCALE 3" = 1'-0"



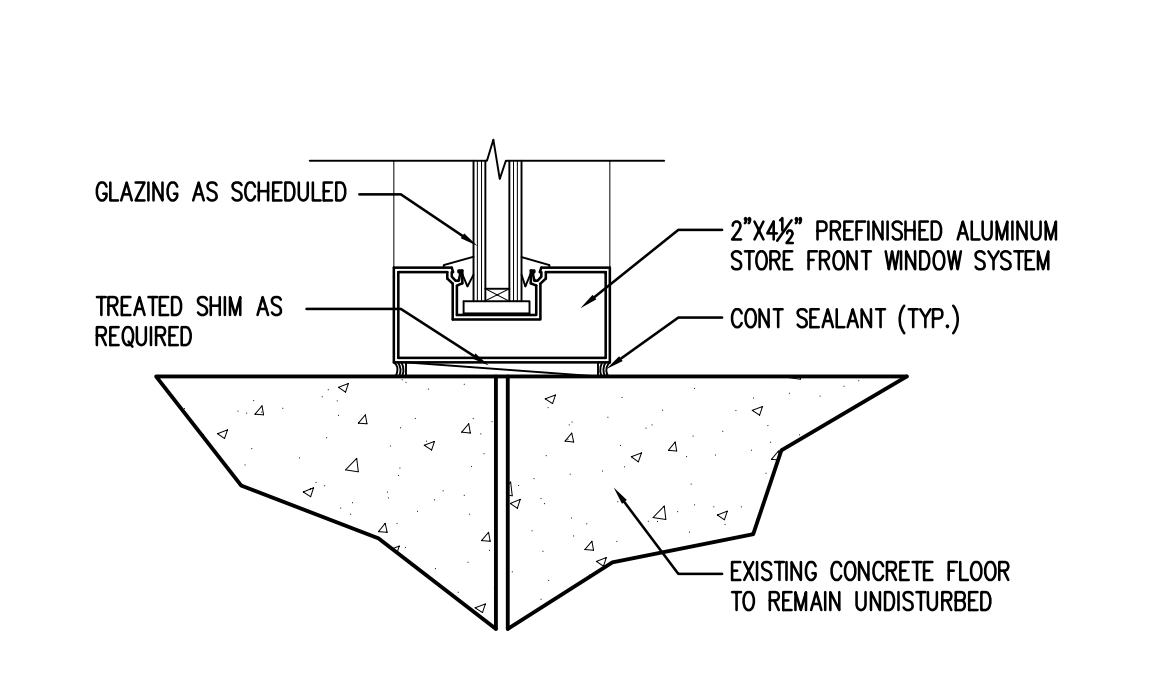
14 WINDOW SILL DETAIL  
SCALE 3" = 1'-0"



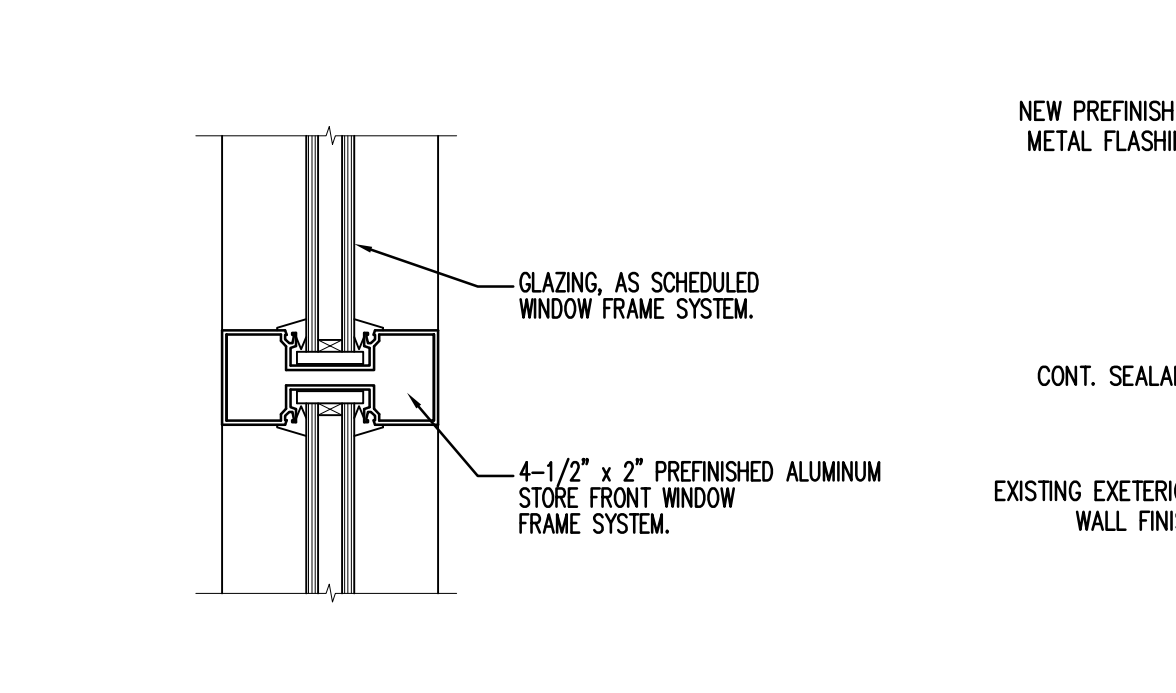
13 WINDOW HEAD DETAIL/JAMB SIM  
SCALE 3" = 1'-0"



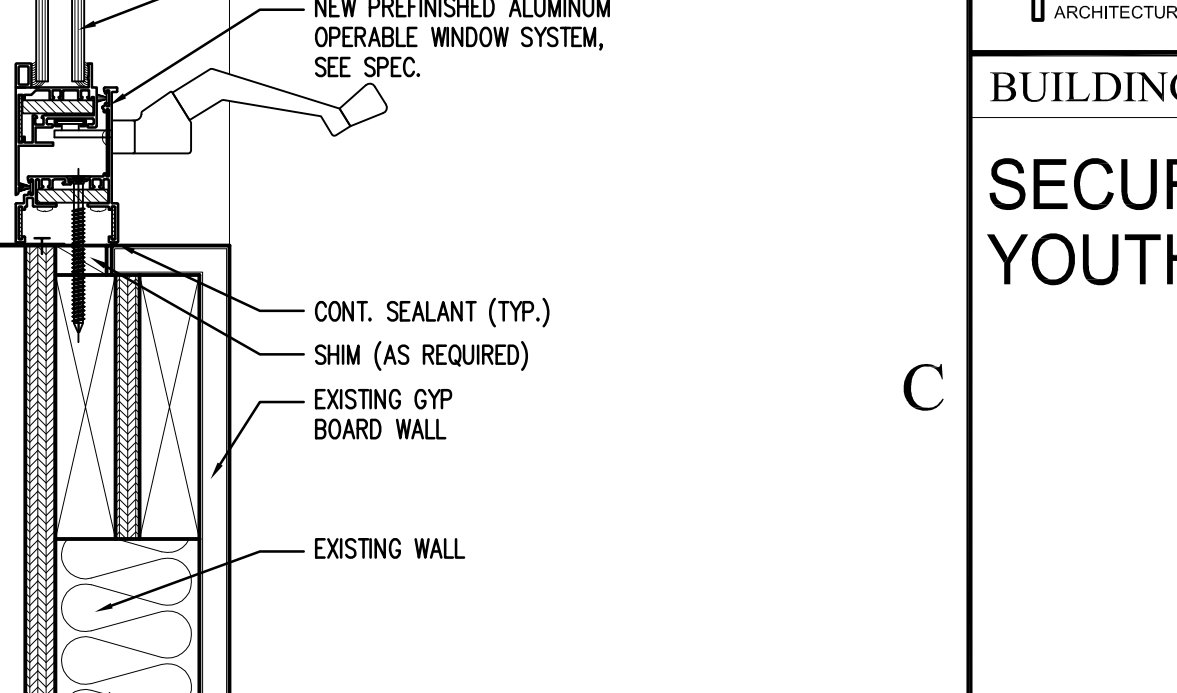
12 WINDOW JAMB DETAIL  
SCALE 3" = 1'-0"



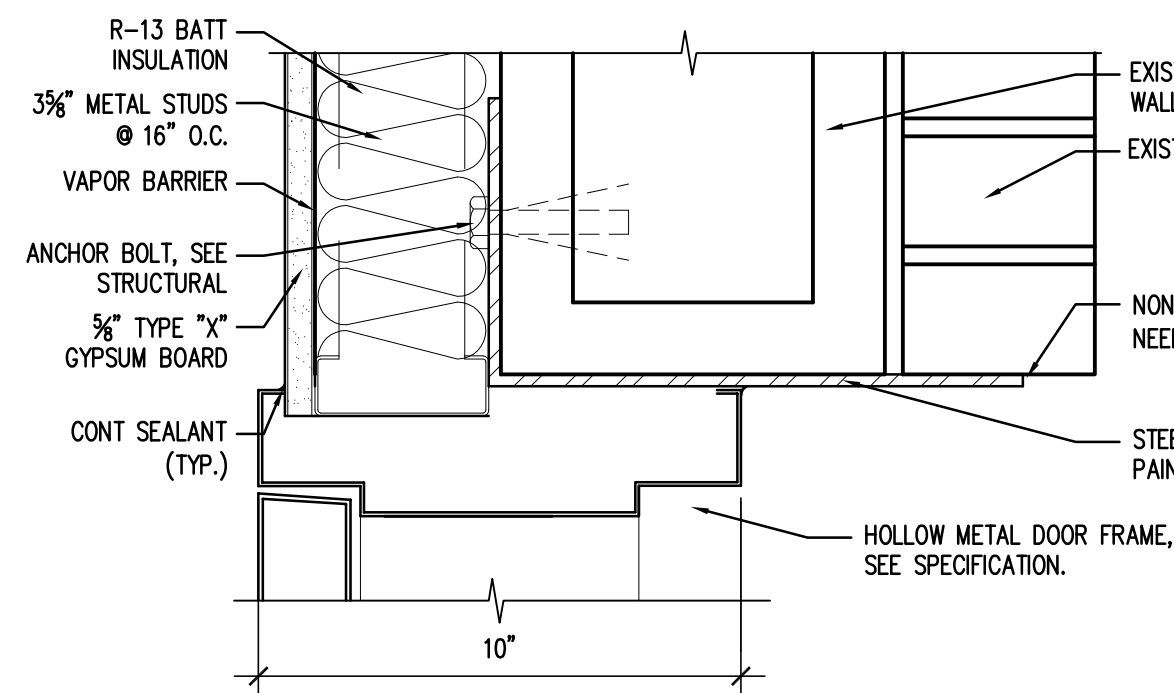
11 WINDOW SILL DETAIL  
SCALE 3" = 1'-0"



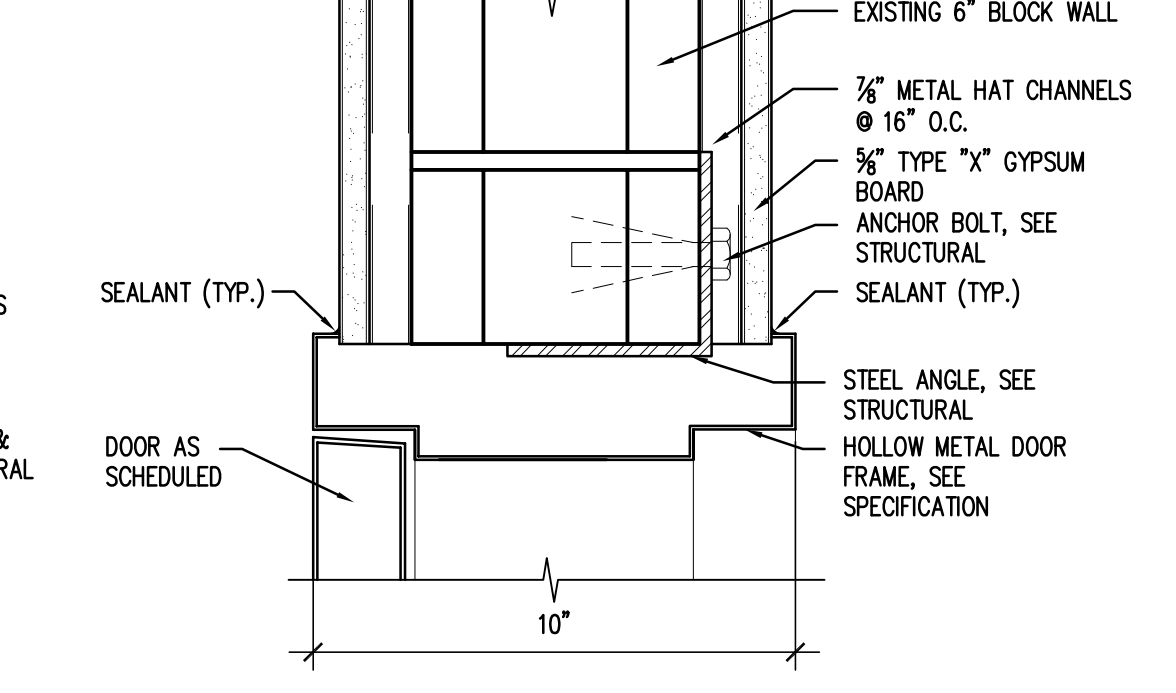
10 WINDOW MULLION DETAIL  
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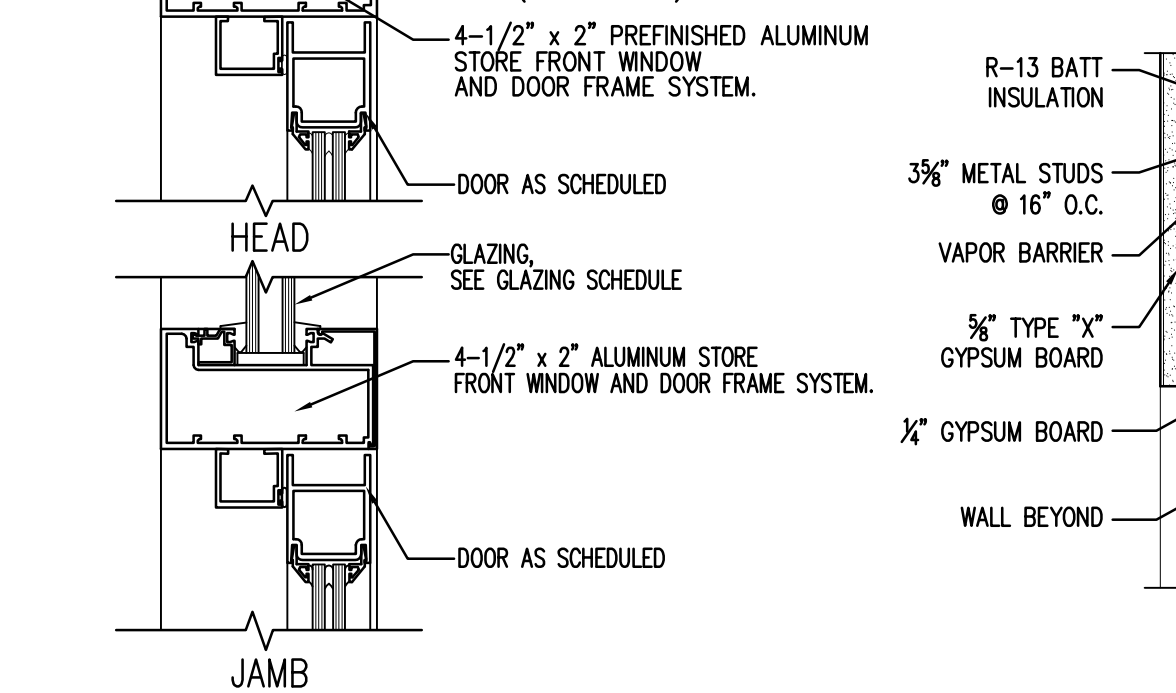
09 WINDOW HEAD DETAIL/JAMB SIM  
SCALE 3" = 1'-0"



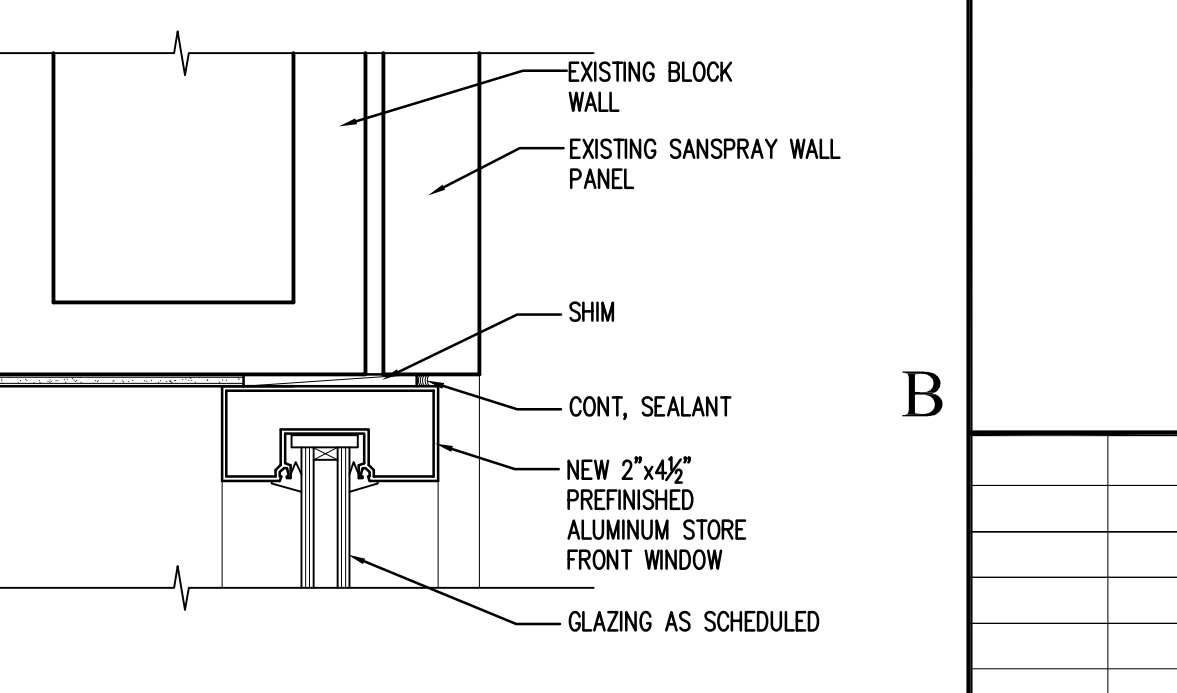
08 HEAD/JAMB DOOR DETAIL  
SCALE 3" = 1'-0"



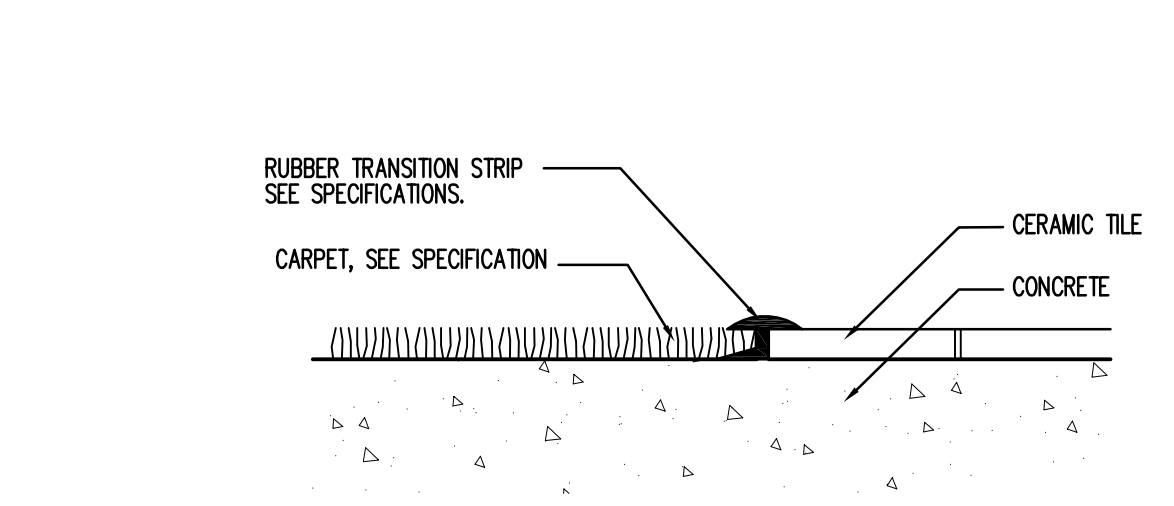
07 HEAD/JAMB DOOR DETAIL  
SCALE 3" = 1'-0"



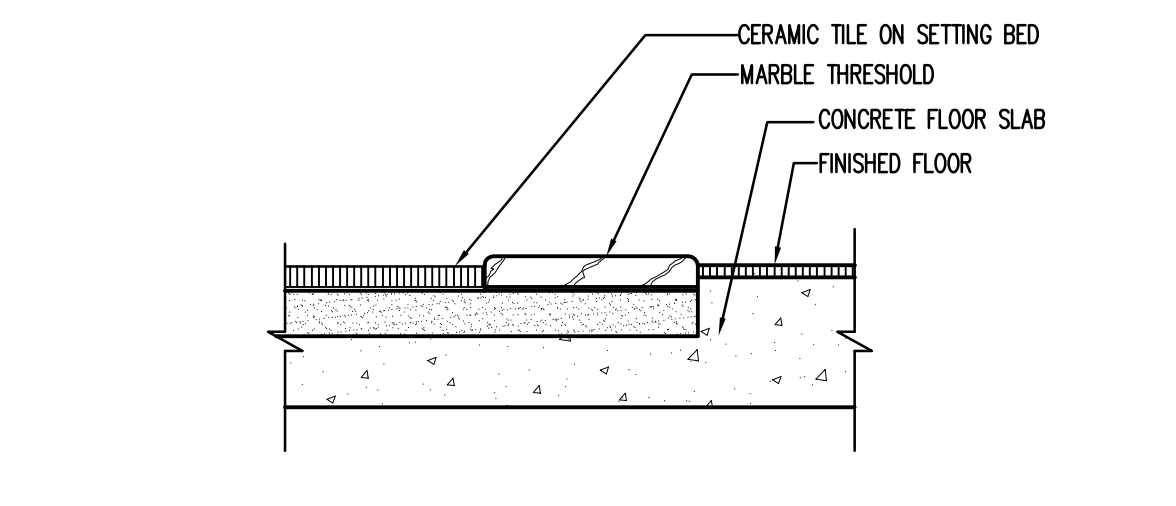
06 DOOR HEAD/JAMB DETAIL  
SCALE 3" = 1'-0"



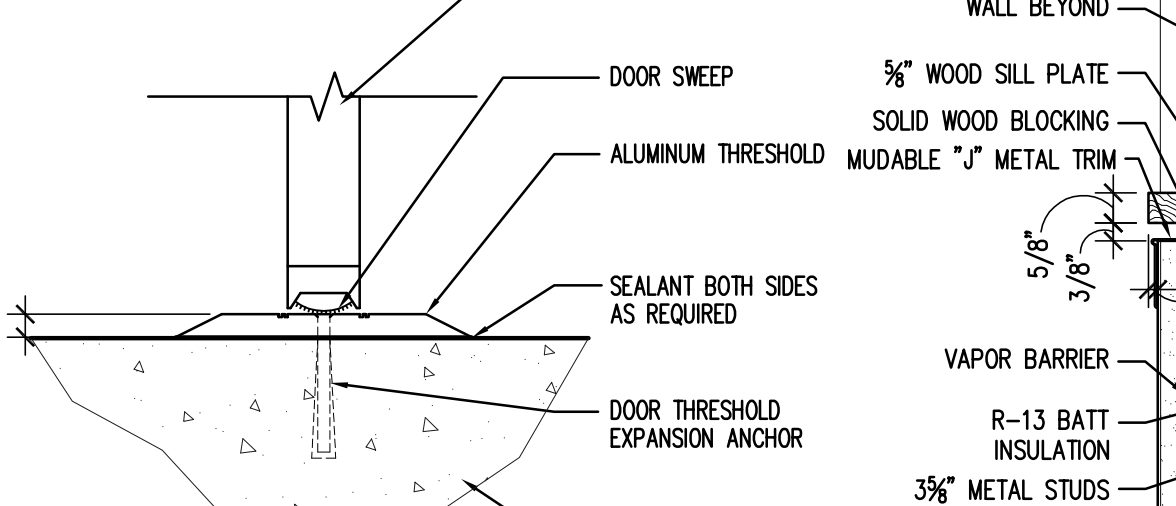
05 WINDOW HEAD DETAIL/JAMB SIM  
SCALE 3" = 1'-0"



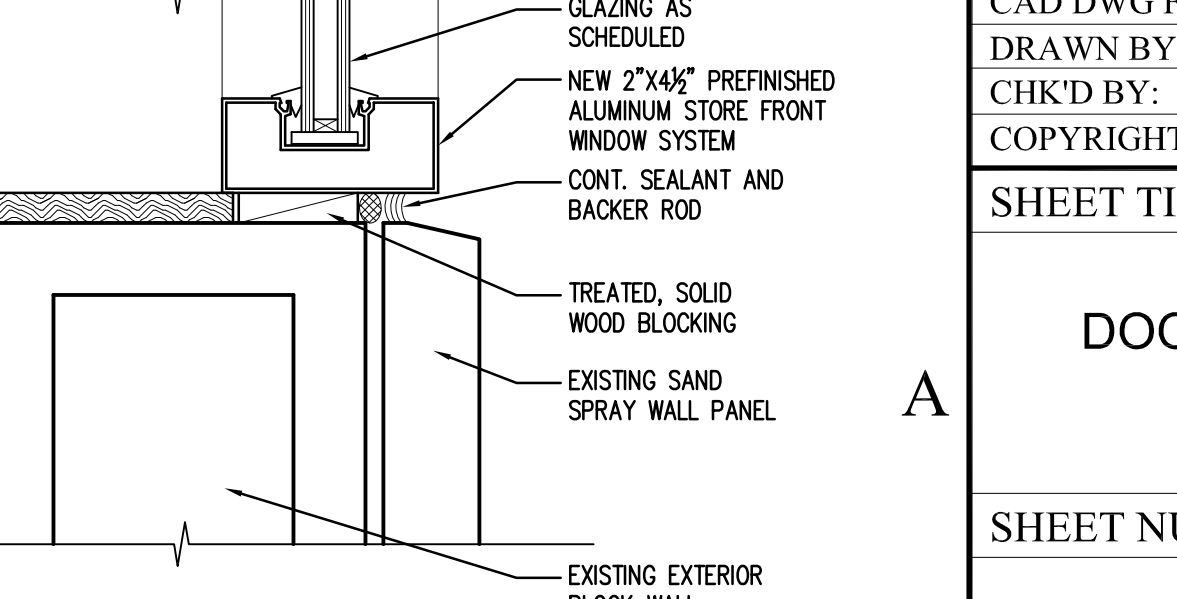
04 CARPET/VCT THRESHOLD DETAIL  
SCALE 3" = 1'-0"



03 THRESHOLD  
SCALE 3" = 1'-0"



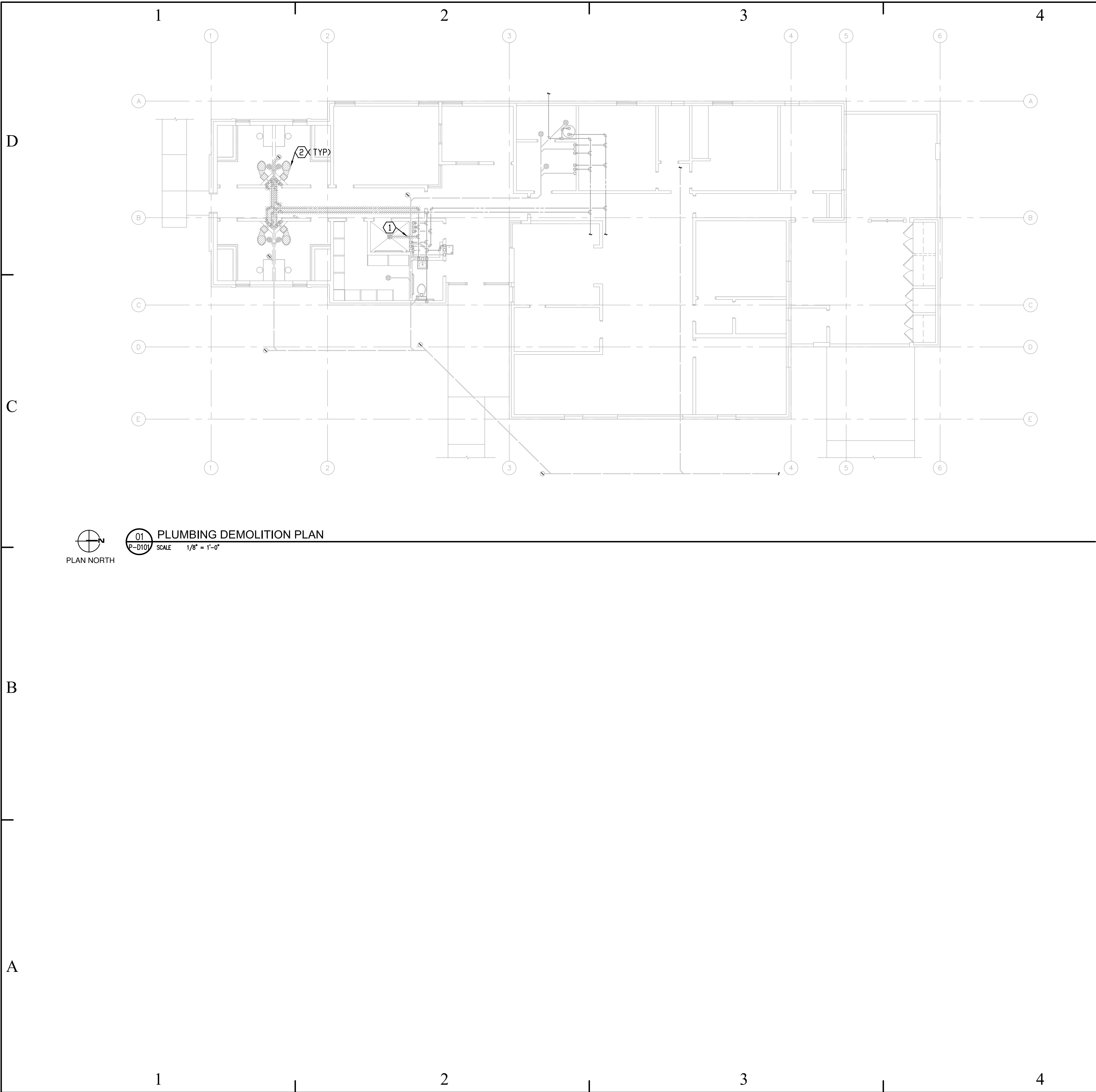
02 THRESHOLD  
SCALE 3" = 1'-0"



01 WINDOW SILL DETAIL  
SCALE 3" = 1'-0"

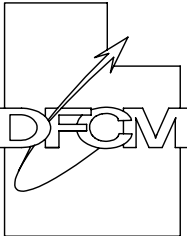






- NOTES FOR SHEET P-D101
- 1 REMOVE SHOWER AND DRAIN. CAP PIPING WITHIN 6 INCHES OF MAIN.
  - 2 REMOVE PLUMBING FIXTURE AND ASSOCIATED PIPING.

State of Utah  
Department of Administrative Services

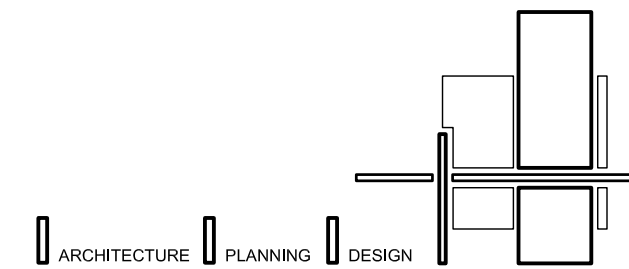


Division of Facilities  
Construction & Management  
4110 State Office Building  
Salt Lake City, Utah 84114  
Phone: (801) 538 - 3018  
Fax: (801) 538 - 3267

Internet: <http://www.dfc.state.ut.us>

CREATED BY: P+A architects

**P+A architects**  
821 East Kensington Ave.  
Salt Lake City, Utah 84105  
P: 801.484.1161  
F: 801.485.4640  
e-mail [parchitects@comcast.net](mailto:parchitects@comcast.net)



BUILDING NAME:

SECURE/NON SECURE  
YOUTH CARE HOME

PROJECT TITLE:

SECURE/NON SECURE  
YOUTH CARE HOME  
REMODEL

MARK	DATE	DESCRIPTION
ISSUE TYPE: CONSTRUCTION DOCUMENTS		

ISSUE DATE: OCTOBER 06, 2005

DFCM PROJECT NO: 05129400
CAD PROJECT NO: 2005-04
CAD DWG FILE:
DRAWN BY: TODD
CHK'D BY: HAL
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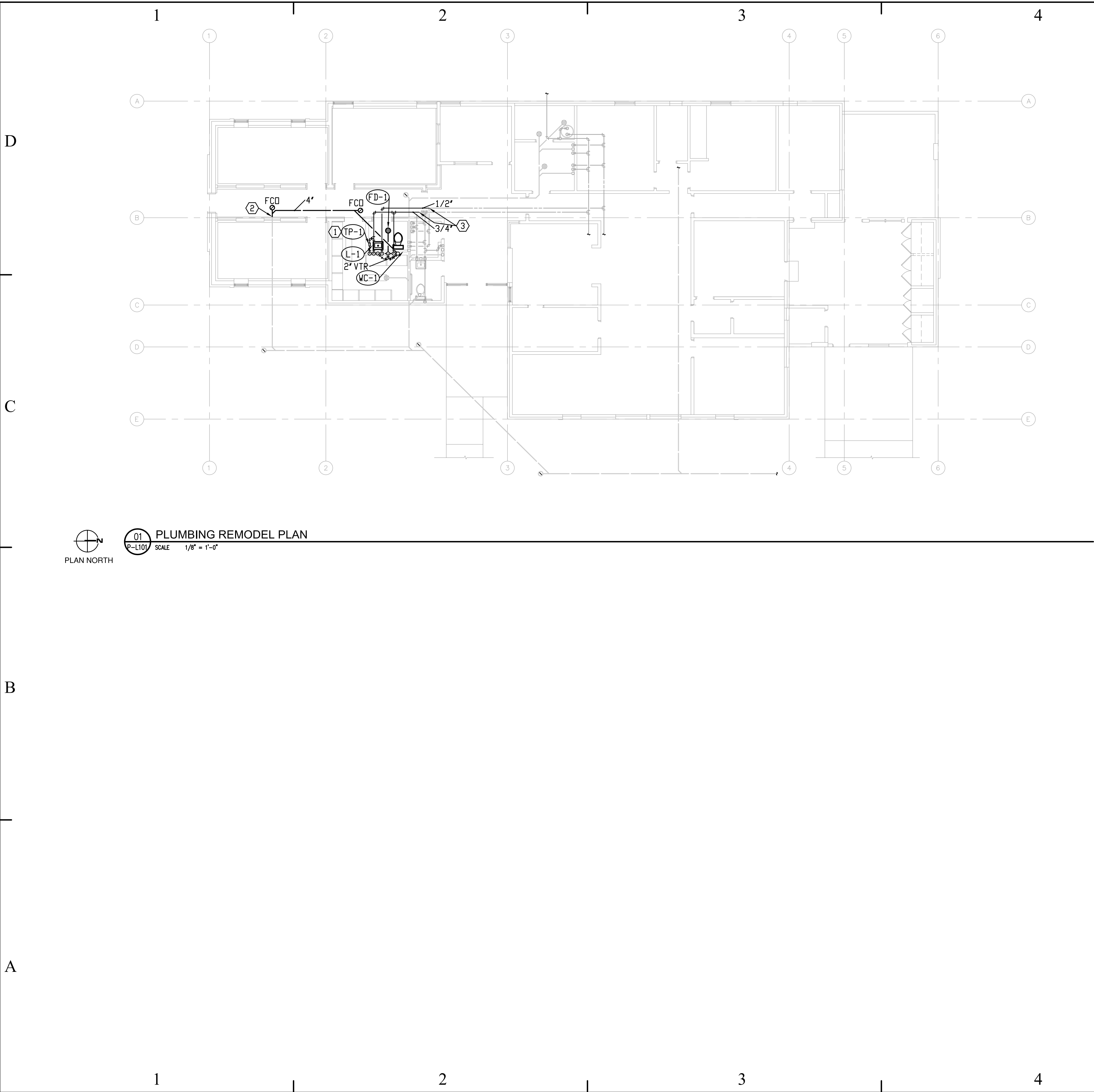
SHEET TITLE

PLUMBING DEMOLITION  
PLAN

SHEET NUMBER

P-D101

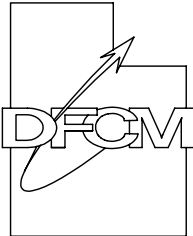




- NOTES FOR SHEET P-L101
- 1 INSTALL BALL VALVE AND TRAP PRIMER IN ACCESSIBLE LOCATION. ROUTE PRIMER PIPE TO FLOOR DRAIN.
  - 2 CONNECT TO EXISTING WASTE LINE. VERIFY SLOPE BEFORE INSTALLATION.
  - 3 CONNECT TO EXISTING WATER PIPING.

State of Utah

Department of Administrative Services



Division of Facilities

Construction & Management

4110 State Office Building

Salt Lake City, Utah 84114

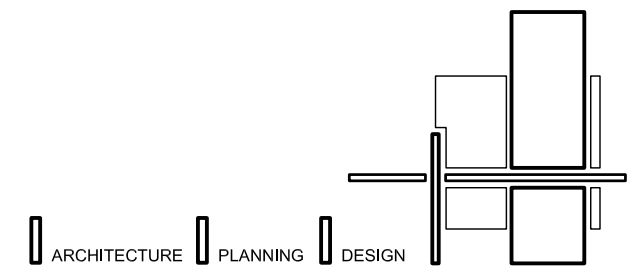
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BUILDING NAME:

SECURE/NON SECURE  
YOUTH CARE HOME

PROJECT TITLE:

SECURE/NON SECURE  
YOUTH CARE HOME  
REMODEL

MARK	DATE	DESCRIPTION
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ISSUE TYPE: CONSTRUCTION DOCUMENTS

ISSUE DATE: OCTOBER 06, 2005

DFCM PROJECT NO: 05129400  
CAD PROJECT NO: 2005-04  
CAD DWG FILE:  
DRAWN BY: TODD  
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SHEET TITLE

PLUMBING REMODEL PLAN

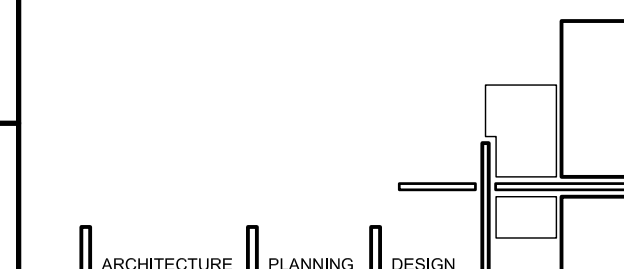
SHEET NUMBER

P-L101

SHEET 11 OF 23

CREATED BY: P+A architects

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SECURE/NON SECURE YOUTH CARE HOME
--------------------------------------

SECURE/NON SECURE YOUTH CARE HOME REMODEL	
---	--


MARK	DATE	DESCRIPTION
ISSUE TYPE: CONSTRUCTION DOCUMENTS		

DFCM PROJECT NO: 05129400

DFCM PROJECT NO: 05129400

CAD PROJECT NO: 2005-04

CAD DWG FILE:

DRAWN BY: TOD

CHK'D BY:	HAL
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SHEET TITLE

## PLUMBING SCHEDULE AND DETAILS

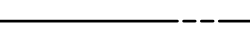
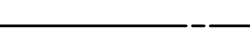


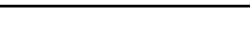
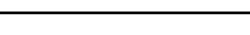

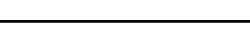
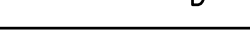






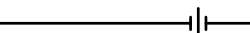


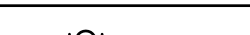
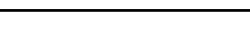
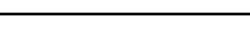
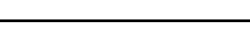
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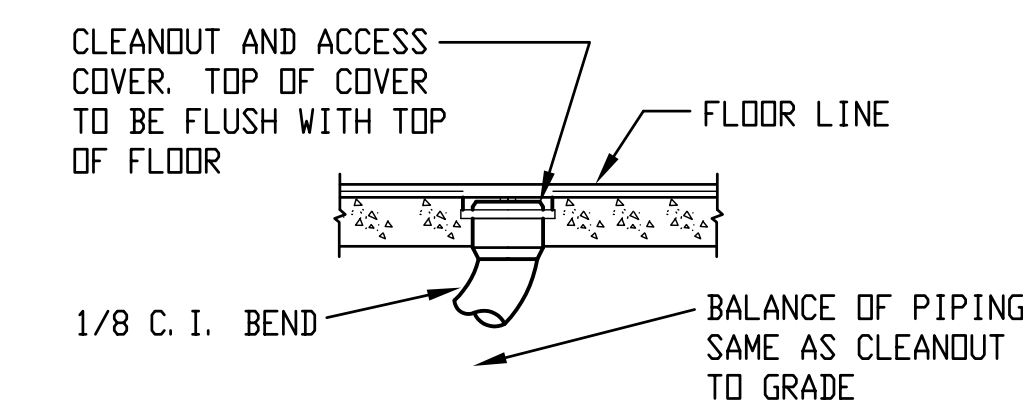
P-501

SHEET 12 OF 23

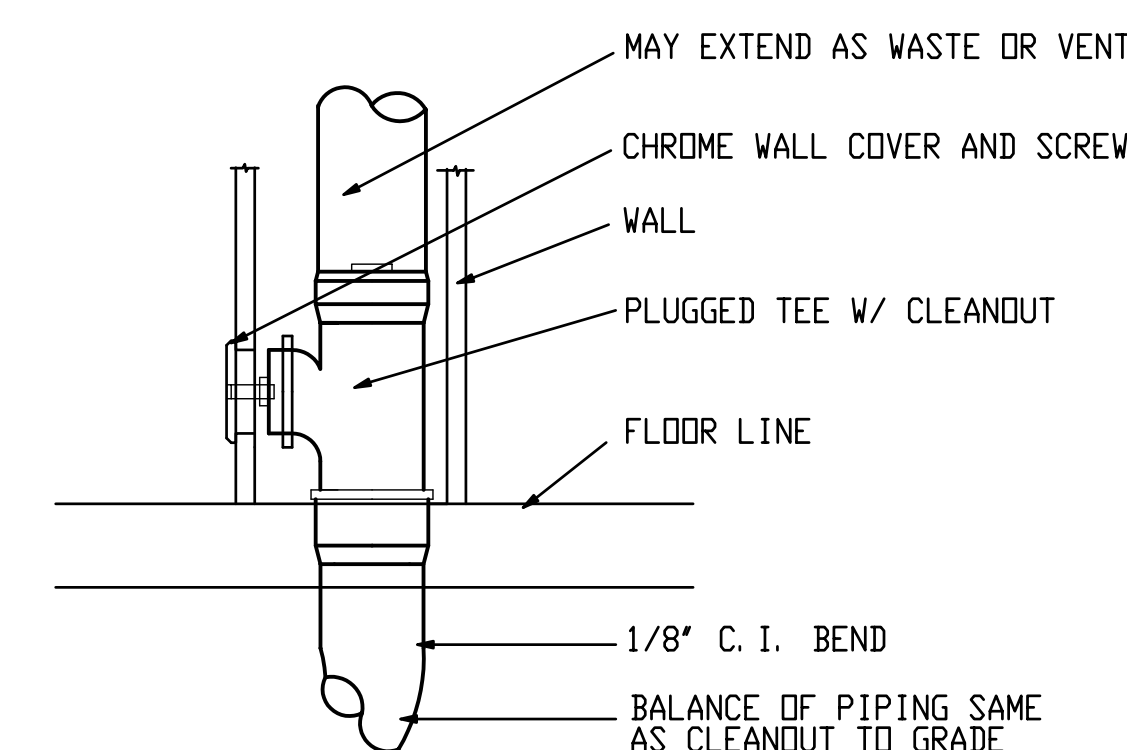
PLUMBING FIXTURE SCHEDULE							
MARK	FIXTURE	PIPE SIZE					COMMENTS
		TRAP	WASTE	VENT	C. W.	H. W.	
(WC-1)	WATER CLOSET	INT	3	2	1/2		TANK TYPE
(L-1)	LAVATORY	1-1/4	1-1/2	1-1/2	1/2	1/2	WALL HUNG ①
(FD-1)	FLOOR DRAIN	2	2	2			WITH PRIMER CONNECTIO
(TP-1)	TRAP PRIMER				1/2		
○							

① PROVIDE WITH FOOT MOUNTED CARRIER FOR 3-1/2' STUD WALL.

PLUMBING LEGEND	
HOT WATER LINE	
COLD WATER LINE	
RECIRC LINE	
VENT LINE	
ABOVE GRADE WASTE LINE	
UNDER GRADE WASTE LINE	
GAS LINE	
DRAIN LINE	
VENT THRU ROOF	
WALL CLEAN OUT	
CLEAN OUT	
CLEAN OUT TO GRADE	
FLOOR CLEAN OUT	
BALL VALVE	
UNION	
GAS COCK VALVE	
PRESSURE REGULATOR	
DROP	
RISE	
ROOF DRAIN	
SECONDARY ROOF DRAIN	
ROOF DRAIN (BELOW GRADE)	



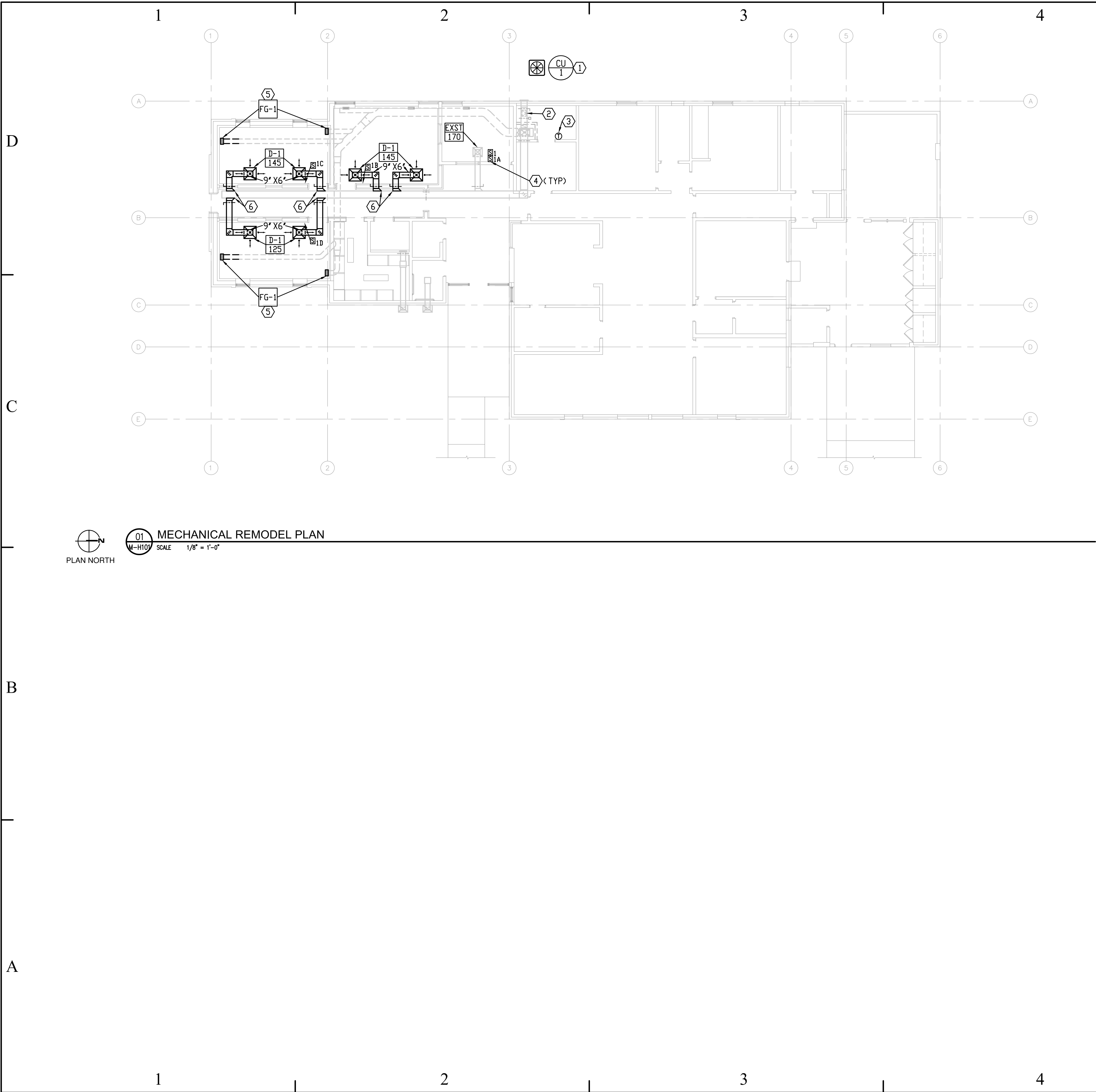
1 FLOOR CLEANOUT(FCO) DETAIL  
SCALE NONE



## 2 WALL CLEANOUT DETAIL





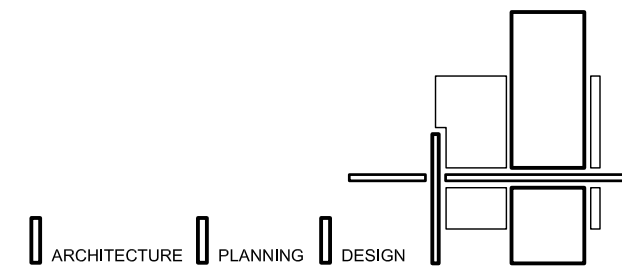


- NOTES FOR SHEET M-H101
- 1 REPLACE CONDENSING UNIT WITH NEW.
  - 2 REPLACE OUTSIDE AIR ACTUATOR WITH NEW AND BALANCE OUTSIDE AIR DUCT TO 180 CFM.
  - 3 NEW THERMOSTAT.
  - 4 AVERAGING TEMPERATURE SENSOR.
  - 5 NEW FLOOR GRILLE. CONNECT BOOT TO EXISTING DUCT.
  - 6 CONNECT TO EXISTING SUPPLY DUCT.

Internet: <http://www.dfc.state.ut.us>

CREATED BY: P+A architects

**P+A architects**  
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Salt Lake City, Utah 84105  
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F: 801.485.4640  
e-mail [parchitects@comcast.net](mailto:parchitects@comcast.net)



BUILDING NAME:

**SECURE/NON SECURE  
YOUTH CARE HOME**

PROJECT TITLE:

**SECURE/NON SECURE  
YOUTH CARE HOME  
REMODEL**

MARK	DATE	DESCRIPTION
ISSUE TYPE: CONSTRUCTION DOCUMENTS		

ISSUE DATE: OCTOBER 06, 2005

DFCM PROJECT NO: 05129400  
CAD PROJECT NO: 2005-04  
CAD DWG FILE:  
DRAWN BY: TODD  
CHK'D BY: HAL  
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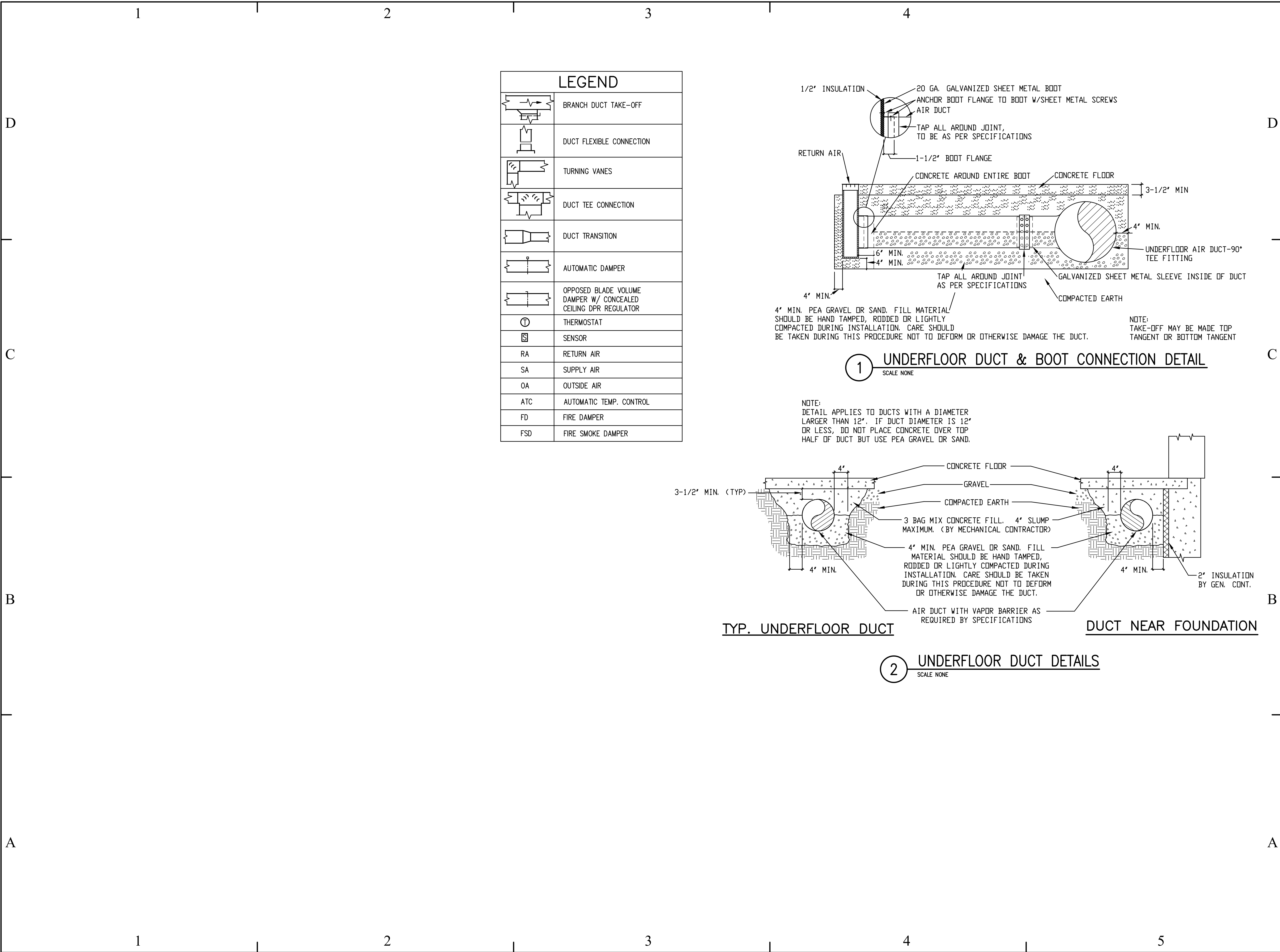
SHEET TITLE

**MECHANICAL REMODEL  
PLAN**

SHEET NUMBER

**M-H101**

SHEET 14 OF 23



State of Utah

Department of Administrative Services

DCM

Division of Facilities  
Construction & Management  
4110 State Office Building  
Salt Lake City, Utah 84114  
Phone: (801) 538 - 3018  
Fax: (801) 538 - 3267

Internet: <http://www.dfc.state.ut.us>

CREATED BY: P+A architects

P+A architects

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e-mail [parchitects@comcast.net](mailto:parchitects@comcast.net)

ARCHITECTURE

PLANNING

DESIGN

BUILDING NAME:

SECURE/NON SECURE YOUTH CARE HOME

PROJECT TITLE:

SECURE/NON SECURE YOUTH CARE HOME REMODEL

MARK	DATE	DESCRIPTION

ISSUE TYPE: CONSTRUCTION DOCUMENTS

ISSUE DATE: OCTOBER 06, 2005

DCM PROJECT NO: 05129400

CAD PROJECT NO: 2005-04

CAD DWG FILE:

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SHEET TITLE

MECHANICAL DETAILS

SHEET NUMBER

M-501

SHEET 15 OF 23

1

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3

4

D

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5


GRILLE SCHEDULE ①②③					
MARK	TYPE	SERVICE	CFM RANGE	NECK SIZE	MANUFACTURER NUMBERS
FG-1	FLOOR	RETURN	125-145	12" X 6"	CT-PP-0

GRILLE SCHEDULE NOTES

- ①
- MAXIMUM NC=26 @ MAXIMUM CFM NOTED.
- ②
- NUMBERS SHOWN INDICATING TYPE ARE TITUS UNLESS OTHERWISE LISTED. SEE SPECIFICATIONS FOR OTHER APPROVED MANUFACTURERS.
- ③
- VERIFY SIZES AT JOB SITE BEFORE ORDERING.

AIR COOLED CONDENSING UNIT SCHEDULE ①③					
MARK	MIN. ② NOMINAL SIZE (TONS)	RATED LOAD AMPS	MIN. CIRCUIT AMPS	MOCF	REMARKS
CV 1	2.5	14.7	19.5	30	LENNOX HS29030

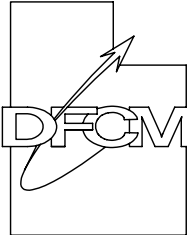
- ①
- REFRIGERANT R-22.
- ②
- AT DESIGN CONDITIONS AND 95 DEG ENTERING AIR TEMPERATURE TO CONDENSER.
- ③
- ELECTRICAL CHARACTERISTICS - COMPRESSOR 208-230V/1 PHASE/60HZ.

DIFFUSER SCHEDULE ②③					
MARK	CFM RANGE ①	NECK SIZE	BLOW	PATTERN	TITUS MODEL
D-1	0-240	9 X 9	3-WAY		TDC

- ①
- MAXIMUM NC=25 @ MAXIMUM CFM NOTED.
- ②
- SEE SPECIFICATIONS FOR OTHER APPROVED MANUFACTURERS.
- ③
- FINISH SHALL BE OFF-WHITE BAKED ENAMEL.

State of Utah

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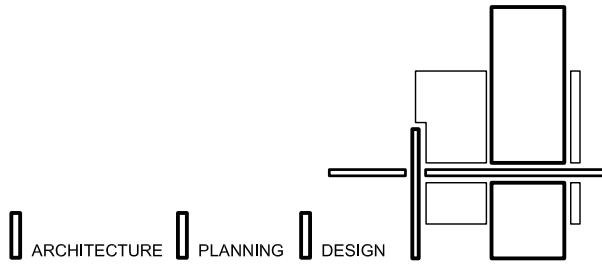


Division of Facilities  
Construction & Management  
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BUILDING NAME:

SECURE/NON SECURE  
YOUTH CARE HOME

PROJECT TITLE:

SECURE/NON SECURE  
YOUTH CARE HOME  
REMODEL

MARK	DATE	DESCRIPTION

ISSUE TYPE: CONSTRUCTION DOCUMENTS

ISSUE DATE: OCTOBER 06, 2005

DFCM PROJECT NO: 05129400
CAD PROJECT NO: 2005-04
CAD DWG FILE:
DRAWN BY: TODD
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SHEET TITLE

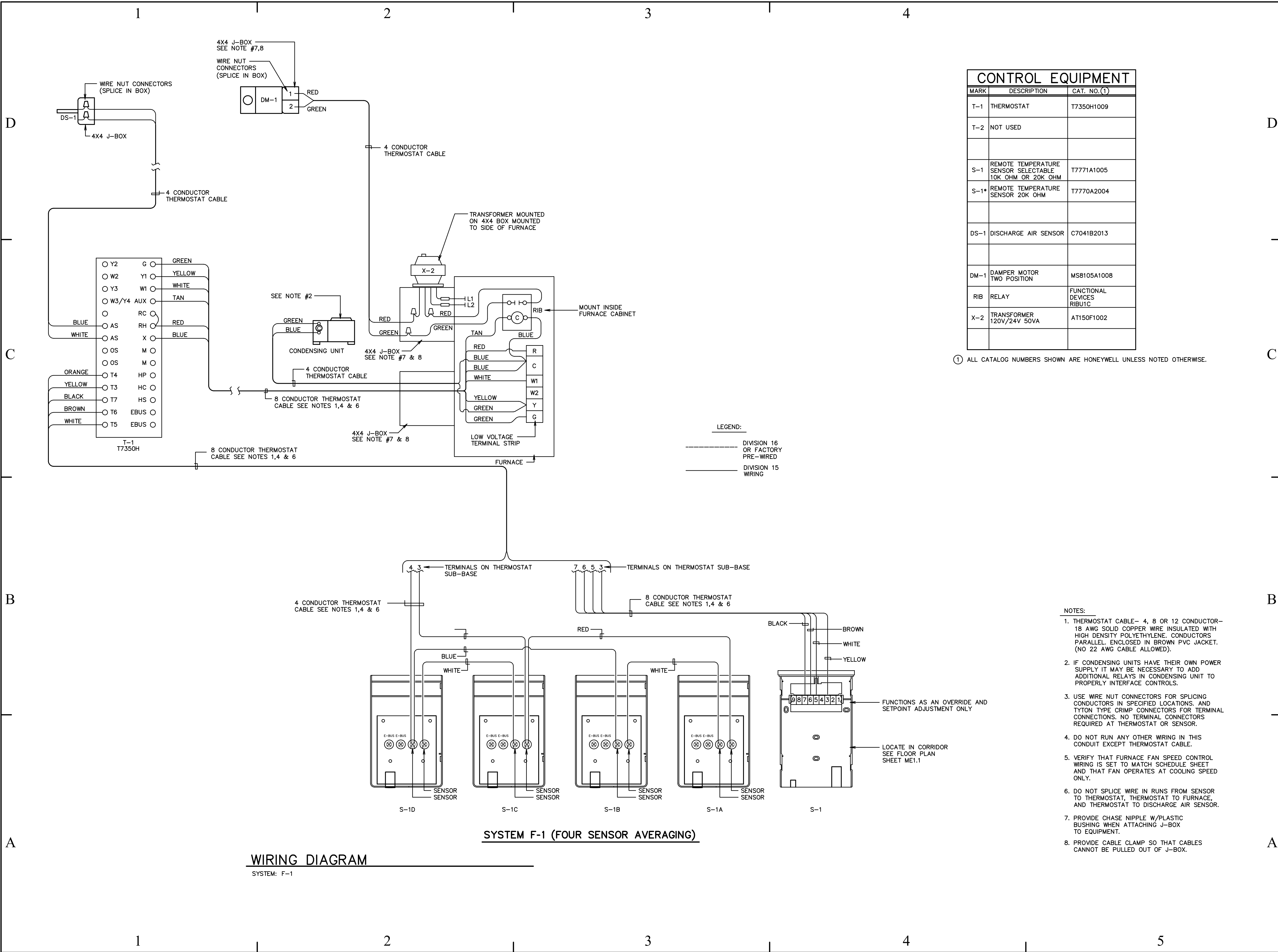
MECHANICAL SCHEDULES

SHEET NUMBER

M-601

SHEET 16 OF 23





CONTROL EQUIPMENT		
MARK	DESCRIPTION	CAT. NO.(1)
T-1	THERMOSTAT	T7350H1009
T-2	NOT USED	
S-1	REMOTE TEMPERATURE SENSOR SELECTABLE 10K OHM OR 20K OHM	T7771A1005
S-1*	REMOTE TEMPERATURE SENSOR 20K OHM	T7770A2004
DS-1	DISCHARGE AIR SENSOR	C7041B2013
DM-1	DAMPER MOTOR TWO POSITION	MS8105A1008
RIB	RELAY	FUNCTIONAL DEVICES RIBU1C
X-2	TRANSFORMER 120V/24V 50VA	AT150F1002

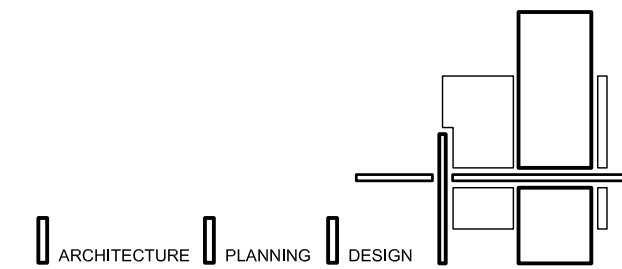
(1) ALL CATALOG NUMBERS SHOWN ARE HONEYWELL UNLESS NOTED OTHERWISE.

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MECHANICAL CONTROLS

SHEET NUMBER

M-602

SHEET 17 OF 23

D

C

B

A

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4

FIXTURE SCHEDULE					
TYPE	DESCRIPTION	CATALOG NUMBER	VOLTS	LAMPS	
A	2 X 4 LAY-IN; INDIRECT; 3--LAMP ELECTRONIC BALLAST	LIGHTOLIER CFS2GPW332 120 XX GLR	120	(3) F32 T8 835	
B	2 X 4 LAY-IN; A12.125 ACRYLIC LENS; 2--LAMP ELECTRONIC BALLAST	LIGHTOLIER XT2GVAVY340120 XX GLR	120	(2) F32 T8 835	
BE	2 X 4 LAY-IN; ACRYLIC LENS; 2--LAMP ELECTRONIC BALLAST; 1400 LUMEN EMERGENCY BATTERY PACK	LIGHTOLIER XT2GVAVY340120 XX GLR FPB50	120	(2) F32 T8 835	
C	SURFACE MOUNTED ACRYLIC WRAPAROUND 2--LAMP; ELECTRONIC BALLAST	LIGHTOLIER CBS 232 120 XX GLR	120	(2) F32 T8 835	
X	DIECAST LED EXIT SIGN; GREEN LETTERS, WHITE FACE EMERGENCY BATTERY	LIGHTOLIER DX 16 CWN	120	INCLUDED	

EQUIPMENT SCHEDULE															
UNIT #	FUNCTION	LOAD	VOLT	PHASE	FULL LOAD AMPS	CONDUIT SIZE	NO. SETS	WIRES		OCPD		REF. NOTES		REMARKS	
								NO.	SIZE	TYPE	AMPS	STARTER	DISCONNECT		
CU-1	CONDENSING UNIT	14.7 FLA	230	1	14.7	3/4"	1	2	10	CB	30		2A	FRN-RK 20 AMP FUSES	
NOTES: 1. NON--FUSED DISCONNECT SWITCH 2. FUSED DISCONNECT SWITCH 3. BREAKER IN ENCLOSURE 4. MANUAL STARTER W/THERMAL OVERLOAD 5. MAGNETIC STARTER 6. MAGNETIC STARTER/NON--FUSED DISCONNECT COMBINATION 7. MAGNETIC STARTER/FUSED DISCONNECT COMBINATION 8. MAGNETIC STARTER/BREAKER COMBINATION 9. VARIABLE FREQUENCY DRIVE 10. REDUCED VOLTAGE STARTER 11. DIRECT CONNECTION 12. RECEPTACLE/SPECIAL PURPOSE OUTLET/ETC. 13. TWO--SPEED STARTER, COORDINATE W/MOTOR TYPE															
A. FURNISHED, INSTALLED, AND CONNECTED UNDER DIVISION 16 B. FURNISHED AND INSTALLED UNDER ANOTHER DIVISION REQUIRING CONNECTION UNDER DIVISION 16. C. FURNISHED UNDER ANOTHER DIVISION BUT INSTALLED AND CONNECTED UNDER DIVISION 16. D. FURNISHED, INSTALLED AND CONNECTED UNDER ANOTHER DIVISION.  OVER CURRENT PROTECTIVE DEVICES  CB = CIRCUIT BREAKER -- THERMAL MAGNETIC FN = FUSE -- NON INDUCTIVE LOAD FI = FUSE -- INDUCTIVE LOAD MO = MAGNETIC ONLY CIRCUIT BREAKER															

PANELBOARD SCHEDULE															
PANEL		A		TYPE		NOQB		120/240		VOLTS		1 PH		3 W	
MOUNTING		FLUSH X SURFACE		DIMENSIONS 20 W 6 D (in.) H		LOCATION		ELECT. RM.		MAINS		LUGS BREAKER SUBFEED LUGS ISO GROUND SERVICE ENT.			
BRANCH BREAKERS															
ITEM	AMPS	POLE	WIRE SIZE	CIR. NO.	L. PHASE LOAD		R. PHASE LOAD		CIR. NO.	AMPS	POLE	WIRE SIZE	ITEM		
OFFICE LIGHTING	20	1	12	1	1350				2	40	2		EXISTING LOAD		
OFFICE CO'S	20	1	12	3		720			4						
SPARE	20	1		5					6	40	2		EXISTING LOAD		
OFFICE CO'S	20	1	12	7		720			8						
CONFERENCE CO'S	20	1	12	9	720				10	50	2		EXISTING LOAD		
FIRE ALARM PANEL	20	1	12	11		1200			12						
CU-1	30	2	10	13	1740				14	30	2		EXISTING LOAD		
				15		1740			16						
EXISTING LOAD	20	1		17					18	20	1		EXISTING LOAD		
EXISTING LOAD	20	1		19					20	20	1		EXISTING LOAD		
EXISTING LOAD	20	1		21					22	20	1		EXISTING LOAD		
EXISTING LOAD	20	1		23					24	20	1		EXISTING LOAD		
EXISTING LOAD	20	1		25					26	20	1		EXISTING LOAD		
EXISTING LOAD	20	1		27					28	20	1		EXISTING LOAD		
EXISTING LOAD	20	1		29					30	20	1		EXISTING LOAD		
EXISTING LOAD	20	1		31					32	20	1		EXISTING LOAD		
EXISTING LOAD	20	1		33					34	20	1		EXISTING LOAD		
EXISTING LOAD	20	1		35					36	20	1		EXISTING LOAD		
EXISTING LOAD	20	1		37					38	20	1		EXISTING LOAD		
EXISTING LOAD	20	1		39					40	20	1		EXISTING LOAD		
EXISTING LOAD	20	1		41					42	20	1		EXISTING LOAD		
					3810	4380	0 0								
					3810	4380	TOTAL		CONNECTED LOAD TOTAL						
					31.75	36.50	AMPS/PHASE		8190 W						
EQUIP RATING															
22,000 AMPS RMS SYM.															

## DEMOLITION NOTES

- COORDINATE ALL NEW ELECTRICAL EQUIPMENT REQUIREMENTS AND MAKE CONNECTION TO EXISTING SYSTEMS. THIS INCLUDES LIGHTING, POWER, SIGNAL, RACEWAY AND OTHER SYSTEMS INCLUDED UNDER DIVISION 16.
- RELOCATE, REWIRE AND/OR RECONNECT EXISTING ELECTRICAL DEVICES AND/OR EQUIPMENT THAT FOR ANY REASON OBSTRUCTS CONSTRUCTION.
- CONCEAL ALL RACEWAY AND WIRING IN EXISTING WALLS, CEILINGS, FLOORS, ETC. EXCEPT WHERE THE USE OF SURFACE RACEWAYS (E.G. WIRE MOLD) IS INDICATED ON DRAWINGS OR IN SPEC.
- LEAVE ALL EXISTING EQUIPMENT, IN PORTIONS OF THE BUILDING NOT BEING REMODELED, IN WORKING CONDITION. RESTORE ALL INTERRUPTED BRANCH CIRCUITS, FEEDERS, ETC. TO WORKING CONDITION.
- EXISTING RACEWAYS MAY BE REUSED (IN PLACE) WHERE POSSIBLE, AND WHERE IN COMPLIANCE WITH THE SPECIFICATIONS AND THE INTENT OF THE CONTRACT DOCUMENTS. INSURE INTEGRITY OF EXISTING RACEWAY BEFORE REUSE.
- REMOVE ALL RACEWAYS, CONDUCTORS, BOXES, DEVICES, EQUIPMENT, ETC. THAT ARE NOT TO BE REUSED.
- REMOVE EXISTING LIGHT FIXTURES WHICH ARE NOT TO BE REUSED. PLACE IN CARTON, LABEL APPROPRIATELY, AND RETURN TO OWNER, OR PROPERLY DISPOSE OF FIXTURES THAT THE OWNER CHOOSES NOT TO KEEP.
- DO NOT PENETRATE STRUCTURAL ELEMENTS OF FLOORS, WALLS, CEILINGS, ROOFS, ETC.
- DISCONNECT AND RECONNECT ANY/ALL FIXTURES, DEVICES, EQUIPMENT, ETC. REQUIRED FOR PROPER COMPLETION OF THE WORK.

## GENERAL NOTES

- CONSULT ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF ALL LIGHTING FIXTURES.
- VERIFY ALL EQUIPMENT DIMENSIONS AND LOCATIONS BEFORE BEGINNING ROUGH IN. CONSULT ALL APPLICABLE CONTRACT DRAWINGS AND SHOP DRAWINGS TO INSURE NEC CODE CLEARANCES REQUIRED AROUND ALL ELECTRICAL EQUIPMENT.
- CONTRACTOR SHALL VERIFY ALL ELECTRICAL LOADS (VOLTAGE, PHASE, CONNECTION REQUIREMENTS, ETC.) OF EQUIPMENT FURNISHED UNDER DIVISION 15 WITH APPROVED MECHANICAL SHOP DRAWINGS BEFORE BEGINNING ROUGH IN.
- SEE SECTION 16510 OF THE SPECIFICATION REQUIRED COORDINATION MEETINGS WITH MECHANICAL AND CEILING CONTRACTORS.
- SEE APPLICABLE SHOP DRAWINGS FOR ROUGH IN LOCATION OF ALL EQUIPMENT, WIRING DEVICES, ETC. WHERE APPLICABLE MOUNT ALL WIRING DEVICES ABOVE BACK SPLASH EXCEPT THOSE SERVING UNDER COUNTER EQUIPMENT.
- SEE SPECIFICATION FOR ENERGY SAVING LAMP AND BALLAST REQUIREMENTS.
- FINISHES OF ALL LIGHT FIXTURES SHALL BE AS SELECTED BY ARCHITECT.
- THE ELECTRICAL CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE MECHANICAL CONTRACTOR SUCH THAT NO PIPING, DUCTS, OR EQUIPMENT FOREIGN TO THE OPERATION OF THE ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE INSTALLED IN, ENTER OR PASS THRU ELECTRICAL ROOMS OR SPACES, OR ABOVE OR BELOW ELECTRICAL EQUIPMENT IN OTHER AREAS.
- ELECTRICAL BOXES SHALL NOT BE LOCATED IN MASONRY COLUMNS IN BRICK WALLS OR IN GROUTED CELLS ADJACENT TO OPENINGS. COORDINATE LOCATION OF BOXES WITH MASONRY CONTRACTOR.
- ALL PENETRATIONS OF FIRE RATED FLOORS, WALLS, AND CEILINGS SHALL BE SEALED WITH APPROVED MATERIAL TO MAINTAIN FIRE RATING OF SURFACE PENETRATED.
- CIRCUITS EXTENDING OVER 70' FOR 120 VOLT AND 165' FOR 277 VOLT 20 AMP CIRCUITS SHALL BE RUN WITH MINIMUM #10 CONDUCTORS.

## INDEX OF ELECTRICAL DRAWINGS

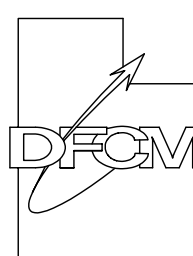
EG101 SYMBOLS, SCHEDULES AND NOTES  
ED101 DEMOLITION PLAN  
EL101 LIGHTING PLAN  
EP101 POWER PLAN  
EX101 ELECTRICAL DIAGRAMS

## ELECTRICAL SYMBOL SCHEDULE

- SEE FIXTURE SCHEDULE FOR TYPE, MOUNTING AND WATTAGE.
- HEIGHT MEASURED TO CENTER LINE OF THE BOX FROM THE FINISH FLOOR.
- REFER TO DRAWINGS FOR DIRECTIONAL ARROWS.
- SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED.
- NEMA TYPE IND NON-FUSED UNLESS NOTED F (FUSED). USE 'HD' 480 V.
- HEIGHT TO BE THE LOWER OF EITHER 80" A.F.F. OR 6" BELOW CEILING.
- PROVIDE H.O.A. AND S.S. PUSHBUTTONS AS REQUIRED.
- DOUBLE ARROWS DENOTE A DOUBLE FACE UNIT.
- COORDINATE WITH MILLWORK SHOP DRAWINGS AND ELEVATIONS FOR HEIGHT.
- SUBSCRIPT DENOTES NEMA CONFIGURATION.
- HEIGHT MEASURED TO BOTTOM OF THE BOX FROM FINISH FLOOR.

STANDARD MOUNTING HEIGHT UNLESS OTHERWISE NOTED ON PLANS			
SYMBOL	DESCRIPTION	MOUNTING HEIGHT	NOTES
	CONDUIT STUB LOCATION	CONDUIT	
	CEILING LIGHT FIXTURE	CEILING	1.
	WALL LIGHT FIXTURE	AS NOTED	1.
	FLUORESCENT LIGHT FIXTURE	AS NOTED	1
	FLUORESCENT EGRESS LIGHT FIXTURE	AS NOTED	UNSWITCHED
	CEILING MOUNTED EXIT LIGHT	CEILING	1.3.8.
	WALL MOUNTED EXIT LIGHT	AS NOTED	1.3.8.
	SINGLE POLE SWITCH	+4'-0"	2.
	SINGLE POLE SWITCH	+4'-0"	4. 2.
	THREE-WAY SWITCH	+4'-0"	2.
	FOUR-WAY SWITCH	+4'-0"	2.
	OCCUPANCY SENSOR	CEILING	
	OCCUPANCY SENSOR	+4'-0"	2.
	POWER PACK	CEILING	SEE DIAGRAM, SPEC.
	DUPLEX RECEPTACLE	+16" OR AS NOTED	9. 11.
	DUPLEX RECEPTACLE		9.
	GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE	+16" OR AS NOTED	9. 11.
	TELEPHONE OUTLET	+16" OR AS NOTED	9. 11.
	TELEPHONE/DATA OUTLET	+16" OR AS NOTED	9. 11.
	JUNCTION BOX ('F' IN FLOOR)	AS NOTED	
	MOTOR OUTLET	TO SUIT EQUIP.	
	FUSED DISCONNECT SWITCH	+5'-0"	5.
	MANUAL STARTER THERMAL OVERLOAD SWITCH WITH PILOT LIGHT	+4'-0"	2.
	MAGNETIC STARTER / DISCONNECT COMBINATION	+5'-0"	
	PANEL BOARD	TOP AT +6'-0"	
	TELEPHONE TERMINAL BOARD		
	FIRE ALARM MANUAL STATION	+4'-0"	2.
	FIRE ALARM SIGNAL HORN/STROBE	+6'-8"	6.
	SMOKE DETECTOR	CEILING	
	DUCT SMOKE DETECTOR		MTD. IN DUCT
	FLOW SWITCH		
	TAMPER SWITCH		
	FIRE ALARM RELAY		
	FIRE ALARM CONTROL MODULE		
	FIRE ALARM MONITOR MODULE		
	FIRE ALARM STROBE	+6'-8"	6.
	INTERCOM SPEAKER	AS NOTED	
	ARCHITECTURAL ROOM NUMBER		
	LIGHT FIXTURE (LETTER DESIGNATES TYPE)		
	EQUIPMENT NUMBER		

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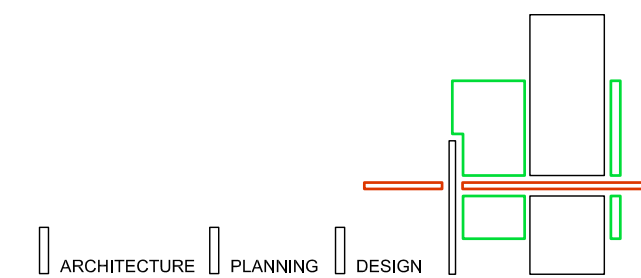


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SHEET TITLE

SYMBOLS, SCHEDULES AND  
NOTES

SHEET NUMBER

E-G101

SHEET 18 OF 23



By: Paul, Oct 13, 2005 - 11:36am  
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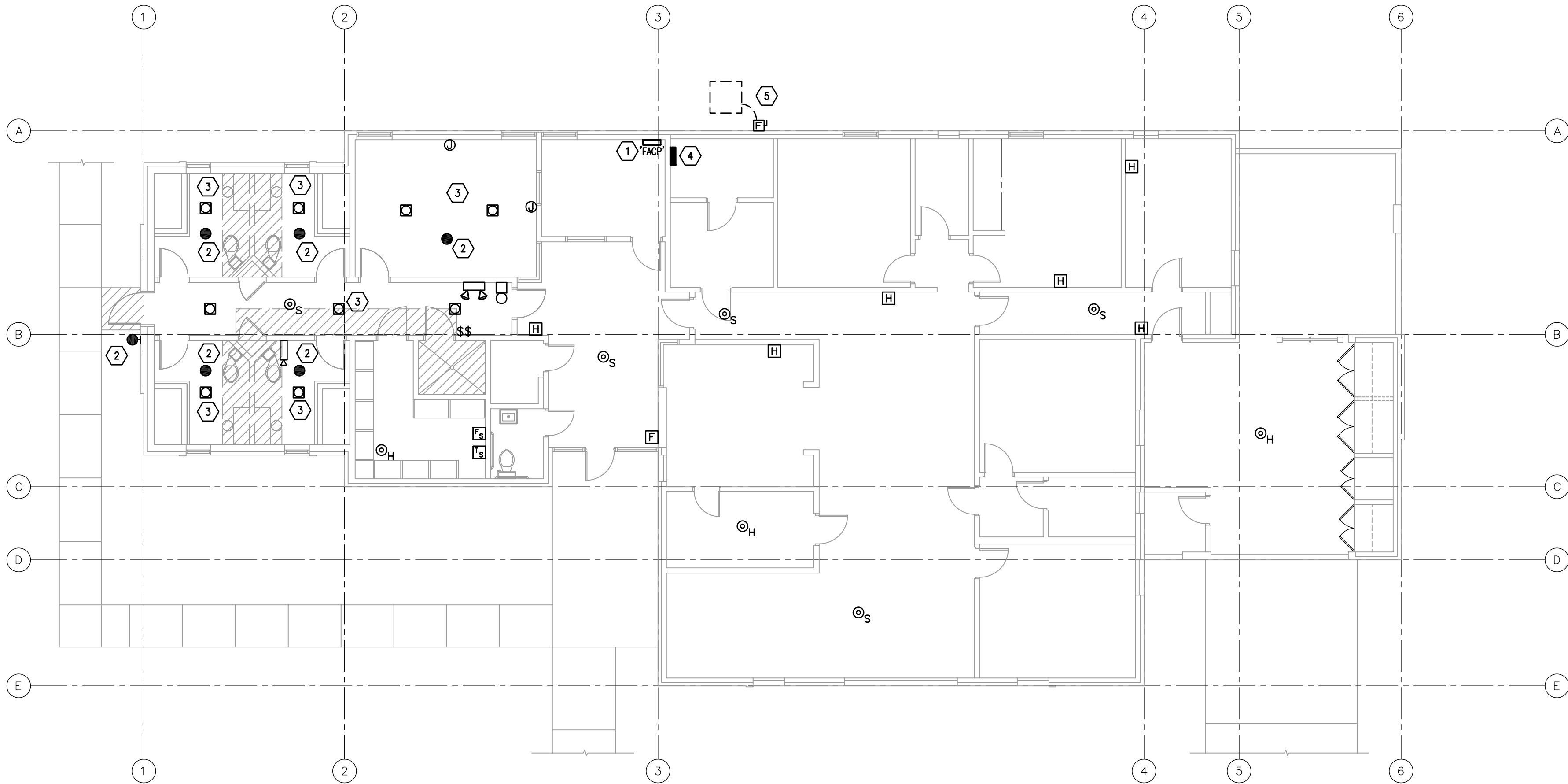
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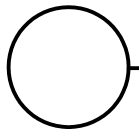
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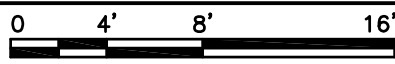
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PLAN  
NORTH



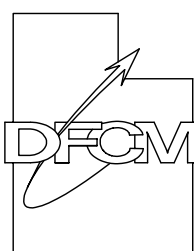
DEMOLITION PLAN  
1/8" = 1'-0"



## SHEET KEYNOTES

- 1 REMOVE EXISTING FIRE ALARM PANEL, FIRE ALARM DEVICES AND FIRE ALARM WIRING.
- 2 REMOVE EXISTING INTERCOM SPEAKERS, BELLS & WIRING BACK TO SOUND CABINET.
- 3 REMOVE EXISTING LIGHTING, SWITCHES, AND WIRING BACK TO PANEL OR FIRST ACTIVE LIGHT FIXTURE WHICH REMAINS IN SERVICE.
- 4 REMOVE EXISTING PANEL AND REPLACE WITH NEW PANEL AT SAME LOCATION. CONNECT TO EXISTING FEEDER AND SERVICE GROUNDING. RECONNECT EXISTING LOADS WHICH REMAIN IN SERVICE TO NEW PANEL. COORDINATE POWER OUTAGES WITH THE OWNER. INCLUDE COSTS FROM POWER COMPANY TO DISCONNECT AND RECONNECT POWER.
- 5 REMOVE WIRING FROM EXISTING CONDENSING UNIT, WHICH IS BEING REMOVED, BACK TO THE PANEL.

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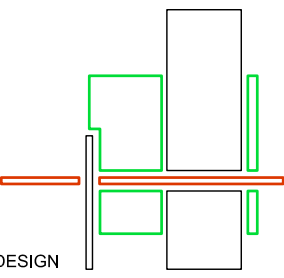


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SHEET TITLE

**ELECTRICAL DEMOLITION  
PLAN**

SHEET NUMBER

**E-D101**

SHEET 19 OF 23


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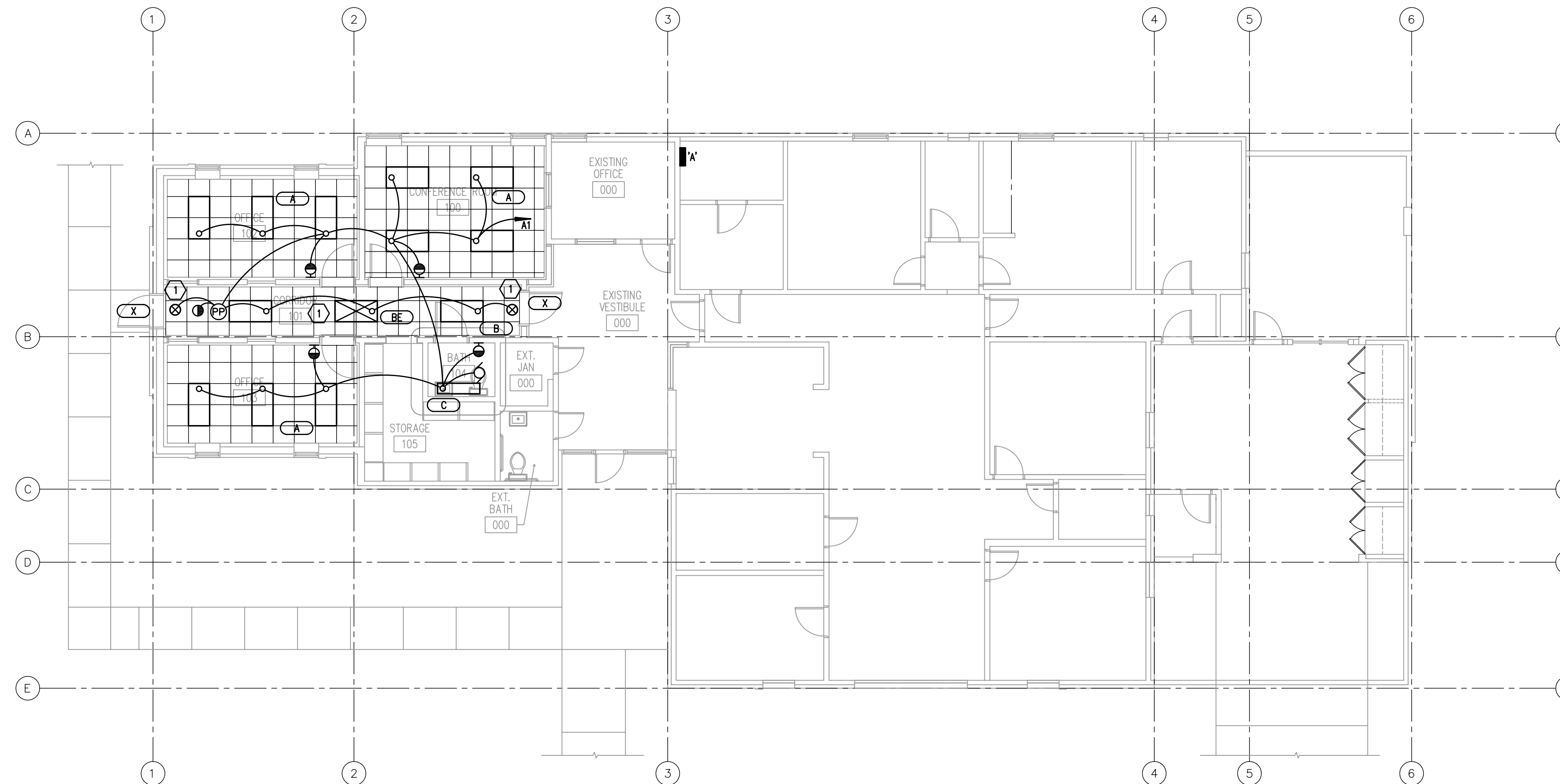
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SHEET NUMBER

E-L101

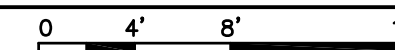
SHEET 20 OF 23

1 EXTEND A HOT CONDUCTOR AHEAD OF THE OCCUPANCY SENSOR TO THE EMERGENCY BATTERY BACK. (DO NOT CIRCUIT AS A NIGHT LIGHT.) USE SAME CIRCUIT AS HALLWAY LIGHTS.



PLAN  
NORTH

## LIGHTING PLAN

$$1/8'' = 1'-0''$$




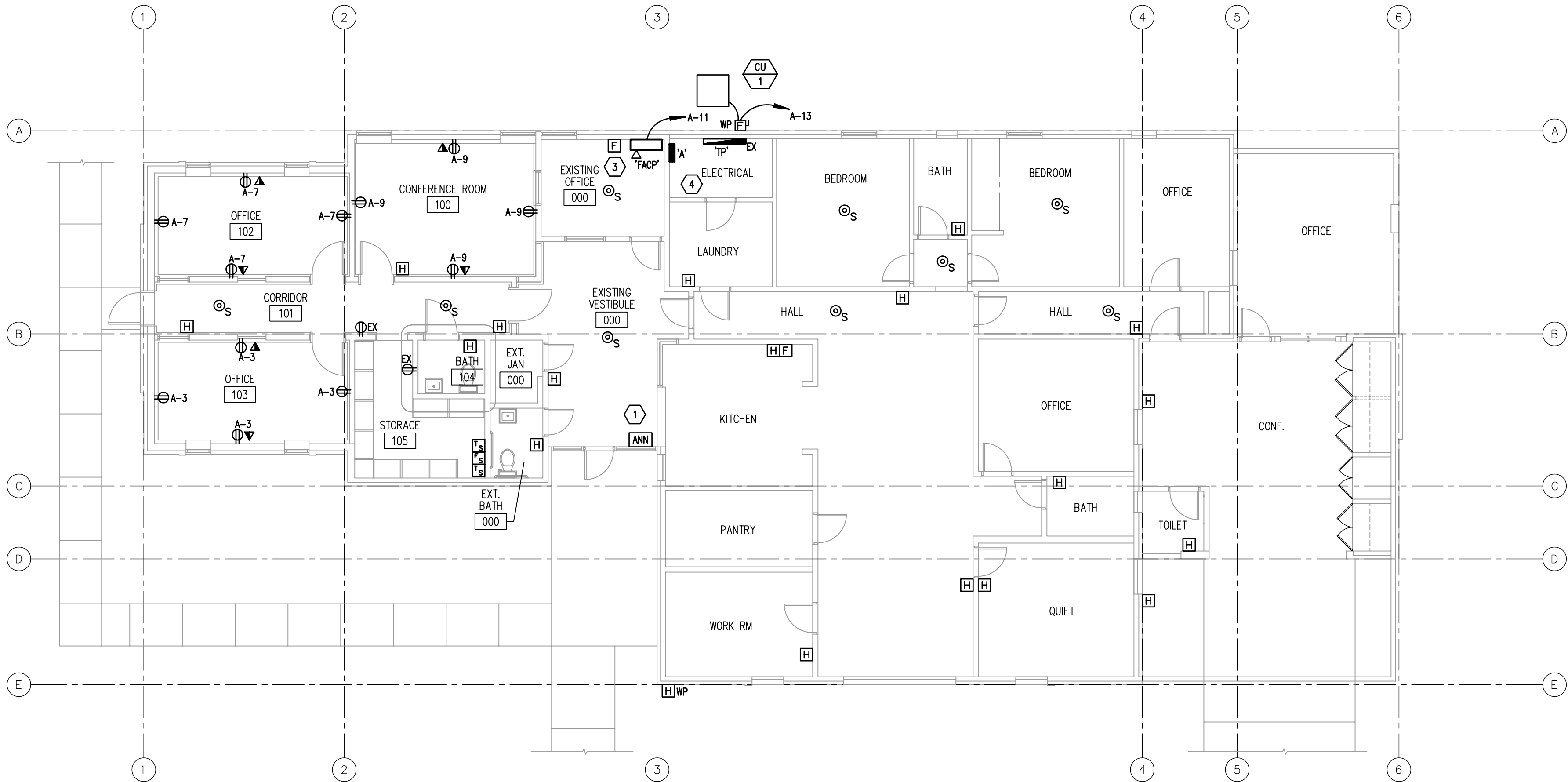
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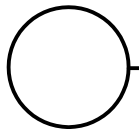
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PLAN  
NORTH



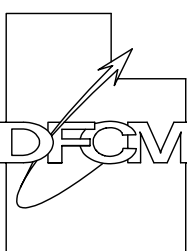
POWER PLAN  
1/8" = 1'-0"

0 4' 8' 16'

## SHEET KEYNOTES

- 1 NEW FIRE ALARM REMOTE OPERATING PANEL.
- 2 WHERE SURFACE MOUNTING IS REQUIRED TO INSTALL NEW DEVICES AND WIRING PROVIDE WIREMOLD NM SERIES RACEWAY AND BOXES.
- 3 NEW FIRE ALARM PANEL.
- 4 NEW PANEL A. CONNECT EXISTING CIRCUITS TO NEW PANEL.

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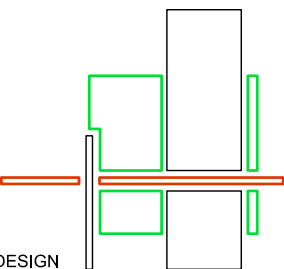
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ARCHITECTURE PLANNING DESIGN

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POWER PLAN

A

SHEET NUMBER

E-P101

SHEET 21 OF 23

1

2

3

4

1

2

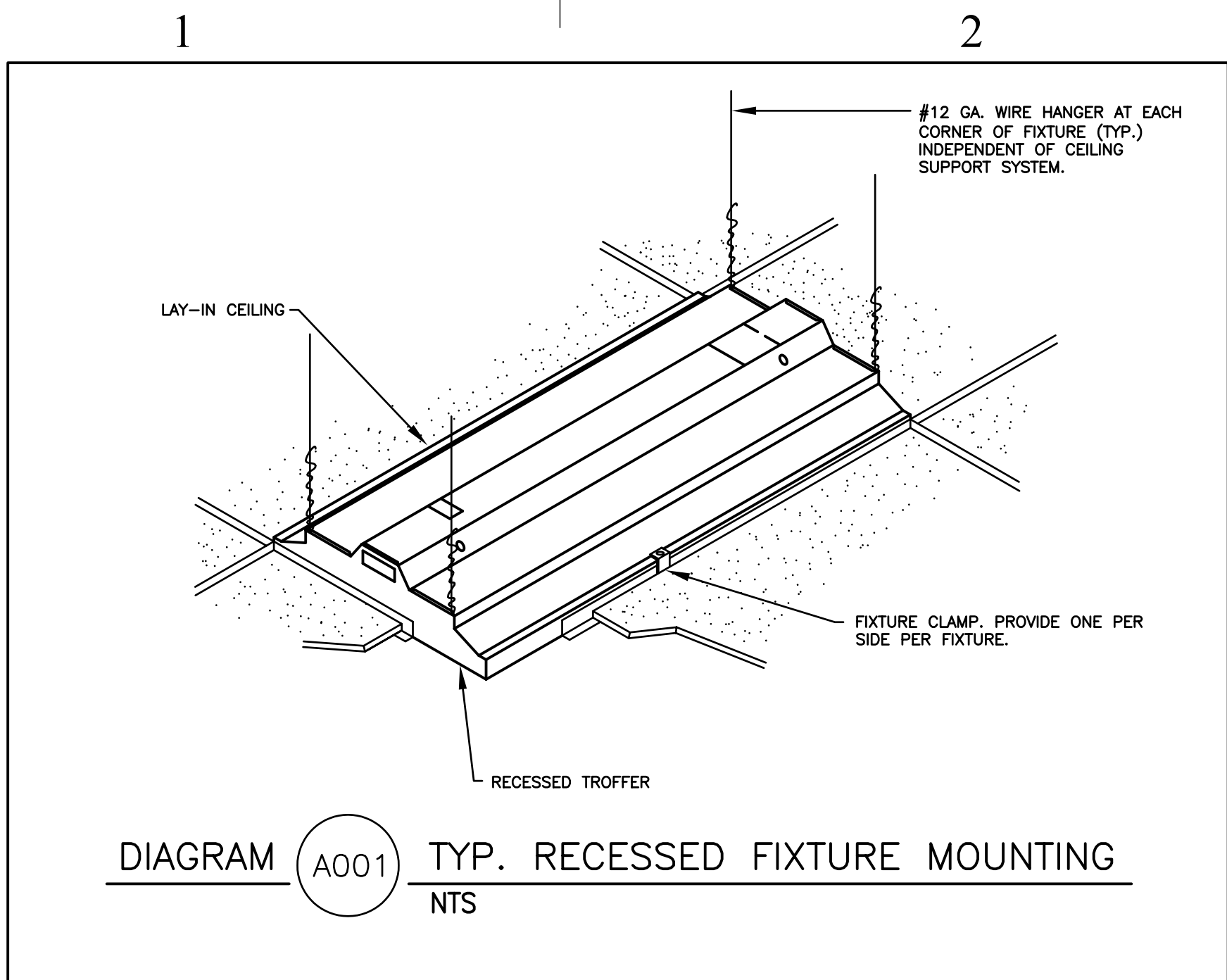
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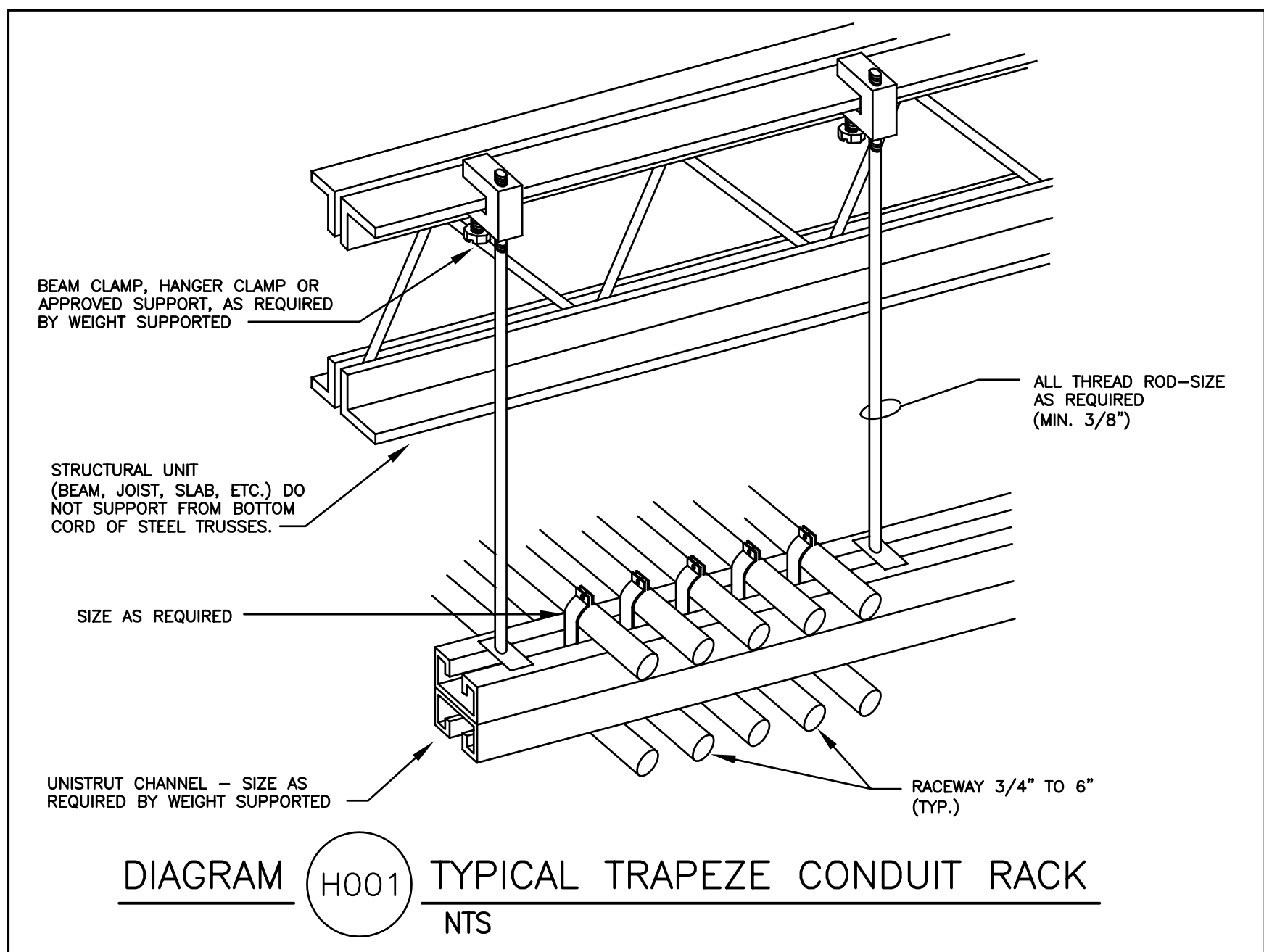
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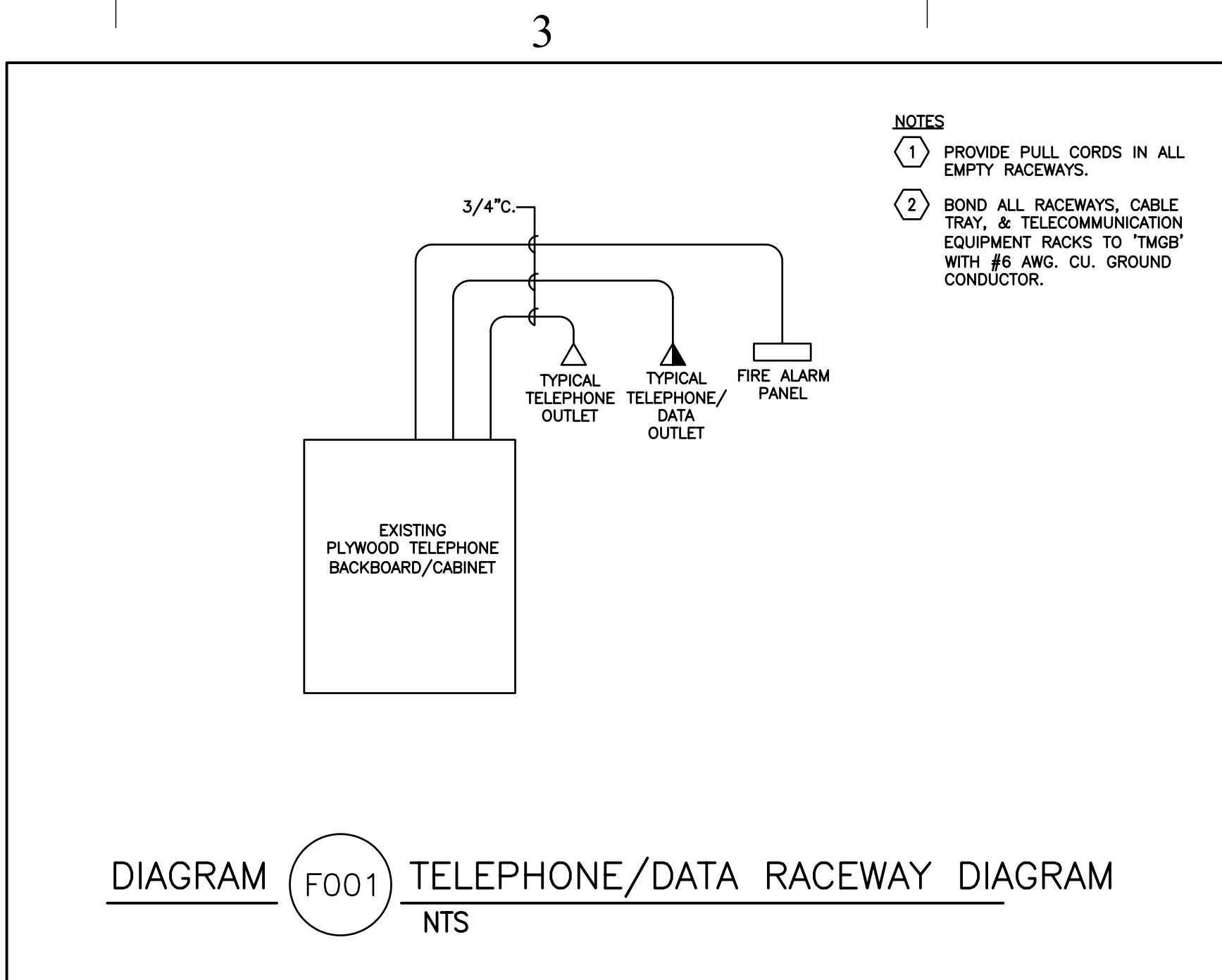
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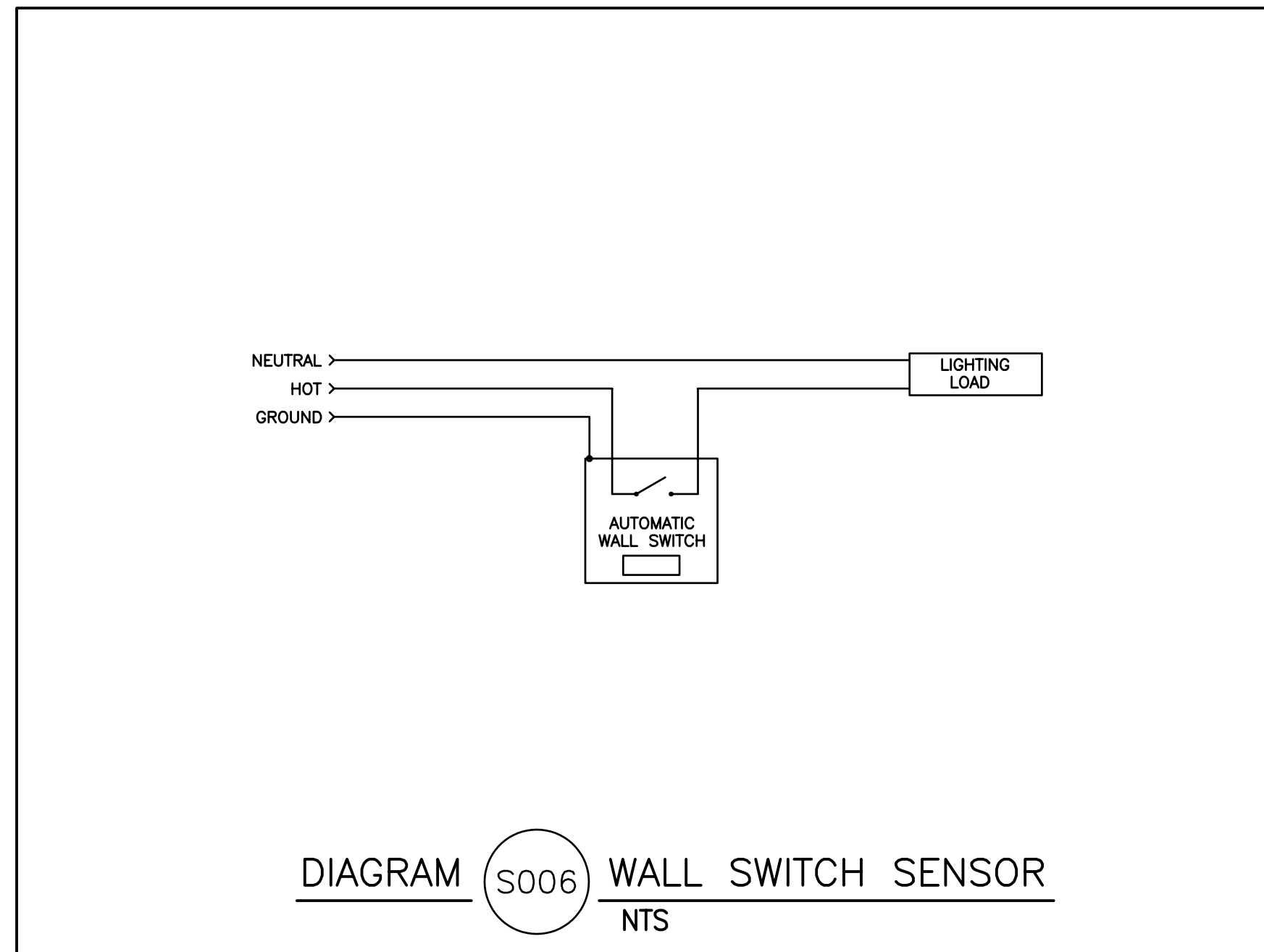
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B



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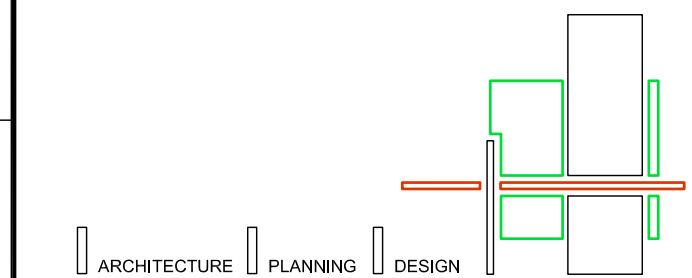


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BUILDING NAME:

**SECURE/NON SECURE  
YOUTH CARE HOME**

C

PROJECT TITLE:

**SECURE/NON SECURE  
YOUTH CARE HOME  
REMODEL**

B


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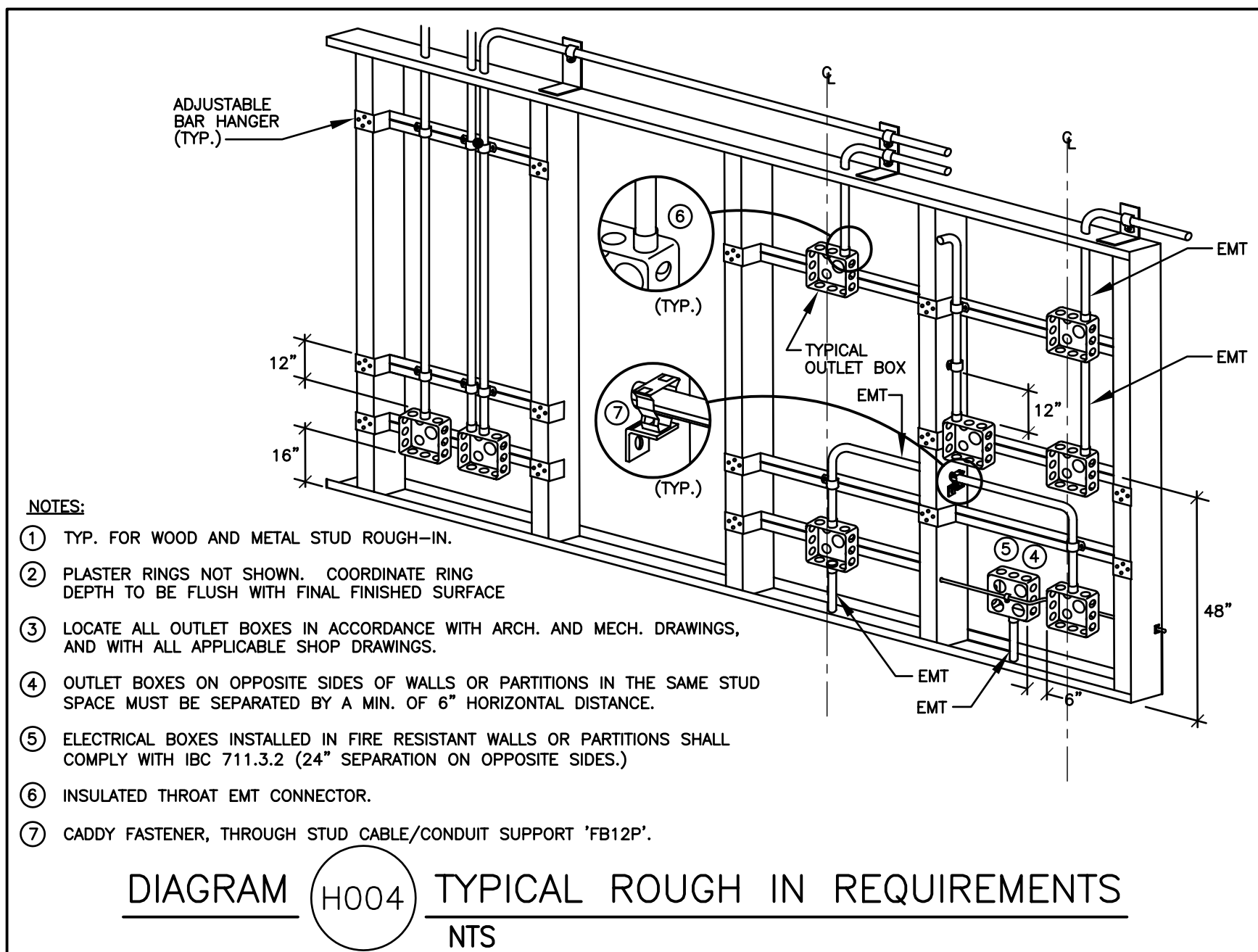
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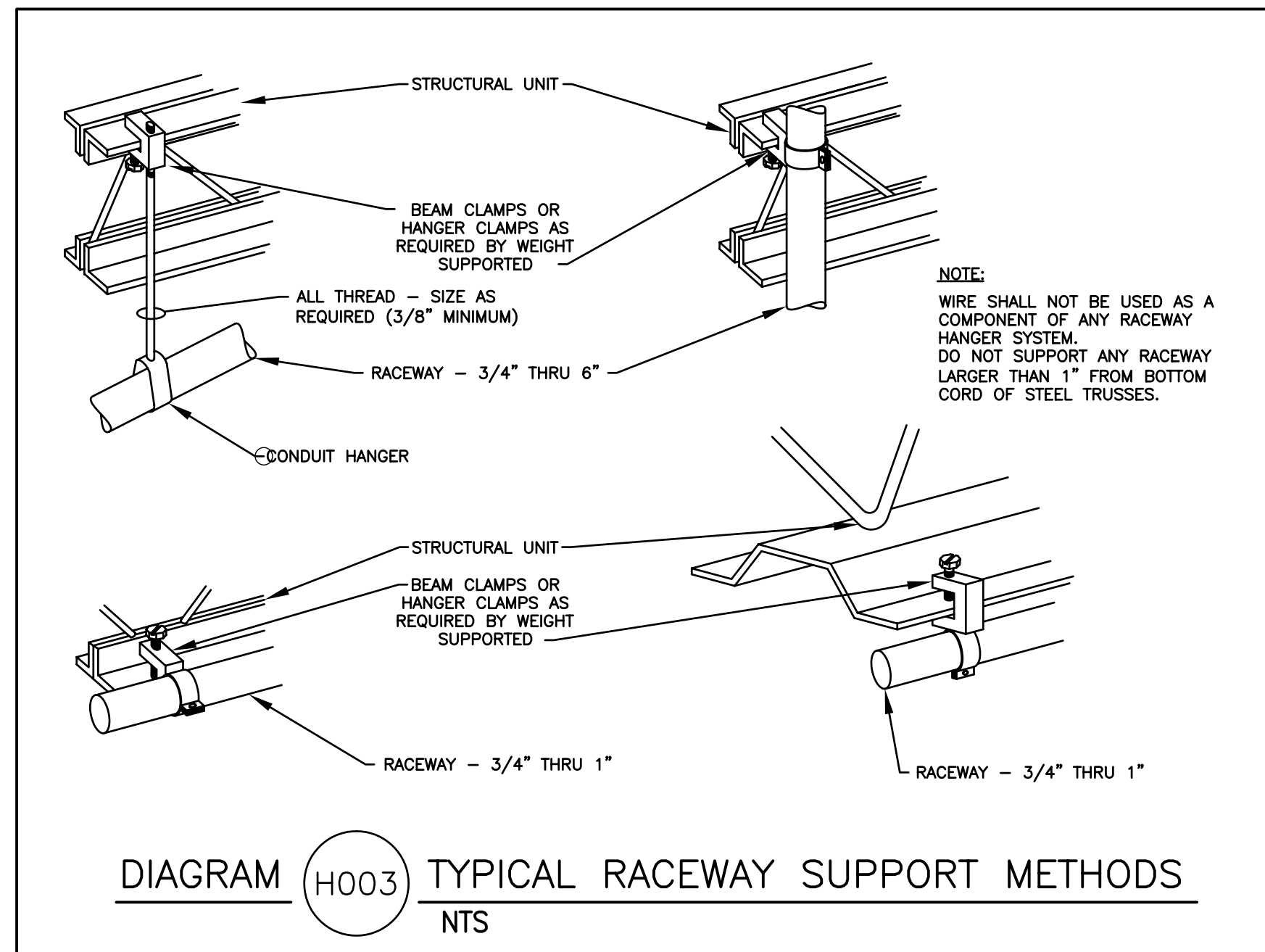
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SHEET 22 OF 23



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